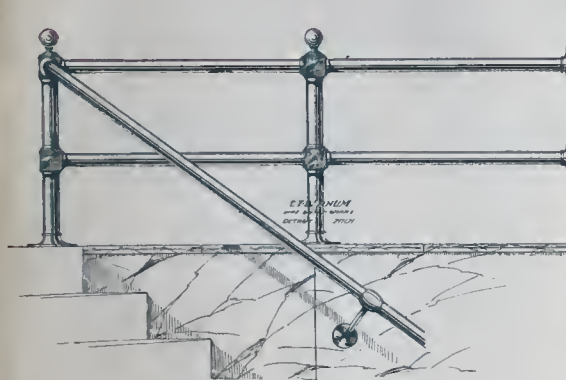


E. T. Barnum Wire and Iron Works, DETROIT, MICH.



No. 373-BRASS AREA RAILING.

2-in. diameter, polished brass tubular rails, EACH RAIL, per lineal foot..... \$1.50
 2½ in. diameter, polished brass tubular posts, 36 in. high, extra, each..... 12.00
 Polished Brass Brackets for supporting Rail to basement, each 2.75

Made in iron at a much less price.



No. 87-POLISHED METAL SIGN.

The above design illustrates our best metal sign and is especially intended to place on the outside of the building, requiring an elegant and attractive advertisement. Made with a polished brass back, with raised burnished copper letters and finely embossed moulding to match lettering, it forms a very rich and striking sign.

Combinations to suit any taste may be obtained by use of other finishes, as silver, aluminum and bronze.

Can also be made in above colors with a plain beveled edge, omitting the moulding and decreasing the cost somewhat.

Made any size and any desired combination of colors.

When writing for price be particular to give lettering wanted and size.



Copyrighted 1883.

No. 72-Malleable Cresting, 30 inches high, per lineal foot, \$1.40

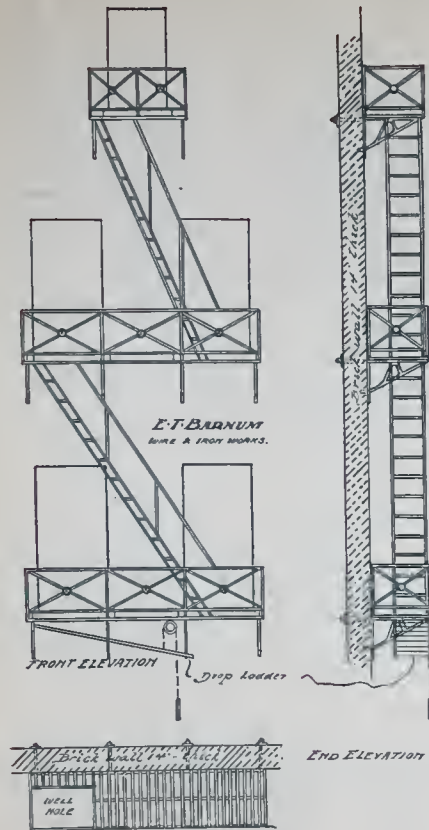
No. 72 Finial matches this Cresting.

BUILDERS' WIRE, IRON AND BRASS WORK

Iron Stairs, Fire Escapes, Sash Bars, Window Guards, Vanes, Stable Fixtures, Fences, Roof Cresting
 Balcony Railings, Bank and Office Railings, Elevator Cabs and Enclosures.

THIS CATALOGUE is valuable and should be kept for Future Reference, if you do not need anything in our line now.

FIRE ESCAPES.



No. 410-FIRE ESCAPE.

Balconies 24 inches wide, 5 feet long	Price per lineal foot...	\$4.50
Balconies 24 inches wide, 10 feet long	Price per lineal foot...	\$4.00
Balconies 30 inches wide, 5 feet long	Price per lineal foot...	\$5.00
Balconies 30 inches wide, 10 feet long	Price per lineal foot...	\$4.50
Balconies 36 inches wide, 5 feet long	Price per lineal foot...	\$5.50
Balconies 36 inches wide, 10 feet long	Price per lineal foot...	\$5.00

Above prices include Steel Slat Floors, Railing, as shown, and Brackets to support Balconies.

Stairs, with 5 inch treads and hand rail, price per foot.....\$2.00

The five-foot Balconies are intended for single windows, and the ladder is placed at one end, out from the wall, the same as in cut, with one window off.

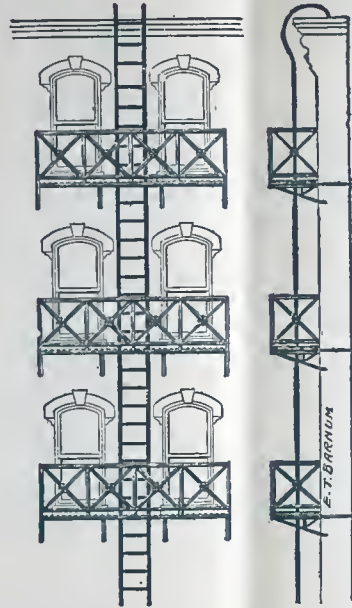
In ordering always give height from sill to sill so we can estimate length of ladder, and state thickness of wall.

Bracket are usually placed about 5 feet apart.

Balconies generally made 24 to 36 inches wide and 5 to 10 feet long. The floors of balconies are formed of steel bars securely fastened to steel stringers, and spaced so as to allow snow and ice to pass through. Ladders are wrought iron with steel treads. Ladders to extend to the ground and to the roof can be included in estimate if desired. Sometimes wood floors are used, but are undesirable for obvious reasons. In ordering or writing for estimates state length and number of balconies wanted, height from floor to floor of building and the thickness of walls. Every hotel and factory should have this protection.

SPECIFY NUMBER AND NAME OF GOODS WANTED.

PLEASE DO NOT TEAR OUT PAGES.



No. 450-FIRE ESCAPE.

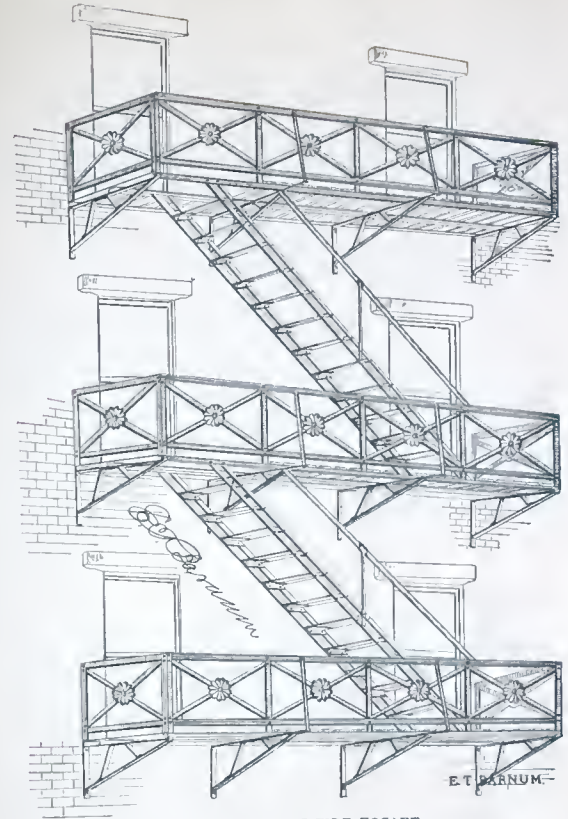
Balconies 24 inches wide, 5 feet long	Price per lineal foot...	\$4.00
Balconies 24 inches wide, 10 feet long	Price per lineal foot...	\$3.50
Balconies 30 inches wide, 5 feet long	Price per lineal foot...	\$4.50
Balconies 30 inches wide, 10 feet long	Price per lineal foot...	\$4.00
Balconies 36 inches wide, 5 feet long	Price per lineal foot...	\$5.00
Balconies 36 inches wide, 10 feet long	Price per lineal foot...	\$4.50

Above prices include Steel Slat Floors, Railing, as shown, and Brackets to support Balconies.

Ladders, 18 inches wide, any length, price per foot.....\$1.00

The five-foot Balconies are intended for single windows, and the ladder is placed at one end, out from the wall, the same as in cut, with one window off.

In ordering always give height from sill to sill so we can estimate length of ladder, and state thickness of wall.



No. 400-C-FIRE ESCAPE.

Balconies 24 inches wide, 5 feet long	Price per lineal foot...	\$4.50
Balconies 24 inches wide, 10 feet long	Price per lineal foot...	\$4.00
Balconies 30 inches wide, 5 feet long	Price per lineal foot...	\$5.00
Balconies 30 inches wide, 10 feet long	Price per lineal foot...	\$4.50
Balconies 36 inches wide, 5 feet long	Price per lineal foot...	\$5.50
Balconies 36 inches wide, 10 feet long	Price per lineal foot...	\$5.00

Above prices include Steel Slat Floors, Railing, as shown, and Brackets to support Balconies.

Stairs, with 5 inch treads and hand rail, price per foot.....\$2.00

The five-foot Balconies are intended for single windows, and the stair is placed at one end, out from the wall.

In ordering always give height from sill to sill so we can estimate length of ladder, and state thickness of wall.

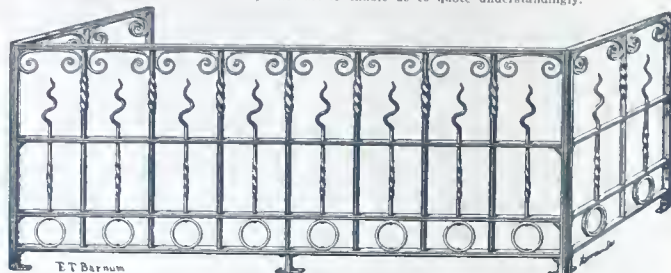
Brackets are usually placed about 5 feet apart.

BALCONY RAILINGS.



No. 57-WROUGHT STEEL BALCONY RAILING.

Price per lineal foot, 33 inches high..... \$2.50
 Can be made any height. Send us particulars to enable us to quote understandingly.



No. 42-B-WROUGHT STEEL BALCONY RAILING.

Made 30 inches high, painted..... per lineal foot, \$2.50



No. 58-WROUGHT STEEL BALCONY RAILING AND POSTS.

Price per lineal foot, 33 inches high..... \$3.75
 Any other designs of posts can be used with this railing and height can be made to suit. Particularly appropriate for a porch railing.



No. 59-WROUGHT STEEL RAILING WITH STONE OR MARBLE POSTS.

This design is particularly adapted for massive stone steps and landing; the grilles are intended for the openings between posts. Prices quoted on application.



No. 52-WROUGHT STEEL BALCONY RAILING.

Made 30 inches high, painted..... per lineal foot, \$2.50

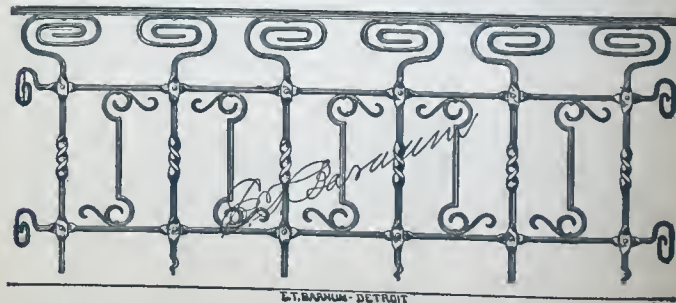
These are new designs, and very substantial and ornamental. They are made entirely of steel, all hand forged, and add to the appearance and value of any building.
 They can be made other heights, if desired, at proportionate prices. The above prices do not include the floor, which is of wood, and furnished by parties ordering. Can furnish iron or steel floors for the balconies, if desired, and will quote prices upon application. Any size made to order. In ordering or writing for estimates, specify the number of balconies wanted, and the length and width of them. Correspondence solicited from parties interested. We HAVE NUMEROUS OTHER DESIGNS OF RAILINGS.



No. 60-WROUGHT STEEL BALCONY RAILING AND POSTS.

Price per lineal foot, 33 inches high..... \$1.00

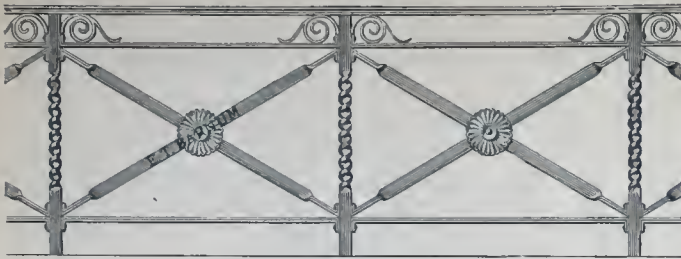
All hand wrought work of this character can be altered to suit the taste of purchaser. The designs shown are merely in the way of suggestions, and any conceivable design can be executed.



No. 51 1/2-WROUGHT STEEL BALCONY RAILING.

Made 30 inches high, painted..... per lineal foot, \$2.55
 These railings are made in panels of convenient size for handling and shipping. Get our prices before placing your order.

BALCONY RAILINGS.



No. 50 1/2-WROUGHT STEEL RAILING.
For Balconies, Verandas, Piazzas or Galleries.

Made 30 inches high, painted,per lineal foot, \$2.00

The railing is constructed of steel, entirely hand forged and makes an artistic appearance when in position. It can be made in other heights at proportionate prices. The work is made in panels of convenient size for handling and shipping.

Write for prices before placing your order. Correspondence solicited from persons interested.



No. 45 1/2-WROUGHT STEEL BALCONY RAILING.

Made 30 inches high, painted,per lineal foot, \$2.50

For pages of Brackets see pages 7 and 8

A design of Wrought Steel, adapted for various purposes where a strong but light and ornamental railing is required. Is used for HOTEL PIAZZAS, PORCHES, GALLERIES, BALCONIES, and private residences. It is made in panels of suitable length for convenience in shipping and putting up. Can be made other heights if desired. Correspondence solicited from Architects, Builders, Contractors and others contemplating purchasing work in our line.



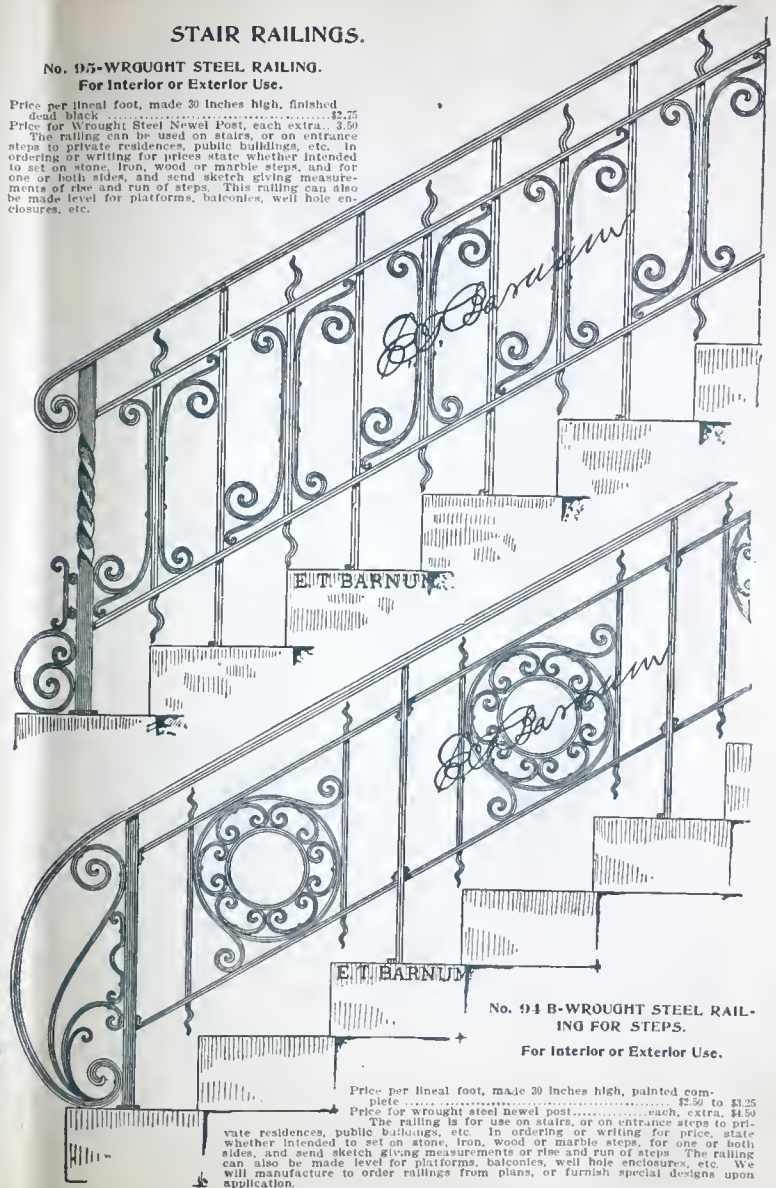
No. 53 S-NEW WROUGHT STEEL BALCONY RAILING.

Made 30 inches high, painted,per lineal foot, \$2.75

STAIR RAILINGS.

No. 95-WROUGHT STEEL RAILING.
For Interior or Exterior Use.

Price per lineal foot, made 30 inches high, finished
dead black\$2.75
Price for Wrought Steel Newel Post, each extra, 3.50
The railing can be used on stairs, or on entrance
steps to private residences, public buildings, etc. In
ordering or writing for prices state whether intended
to set on stone, iron, wood or marble steps, and for
one or both sides, and send sketch giving measure-
ments of rise and run of steps. This railing can also
be made level for platforms, balconies, well hole en-
closures, etc.

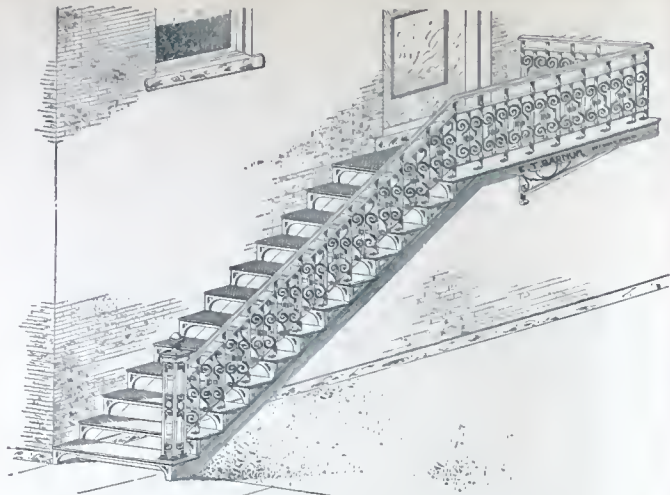


No. 94 B-WROUGHT STEEL RAIL-
ING FOR STEPS.

For Interior or Exterior Use.

Price per lineal foot, made 30 inches high, painted com-
plete\$2.50 to \$3.25
Price for wrought steel newel post, each, extra, \$4.50

The railing is for use on stairs, or on entrance steps to pri-
vate residences, public buildings, etc. In ordering or writing for price, state
whether intended to set on stone, iron, wood or marble steps, for one or both
sides, and send sketch giving measurements or rise and run of steps. The railing
can also be made level for platforms, balconies, well hole enclosures, etc. We
will manufacture to order railings from plans, or furnish special designs upon
application.

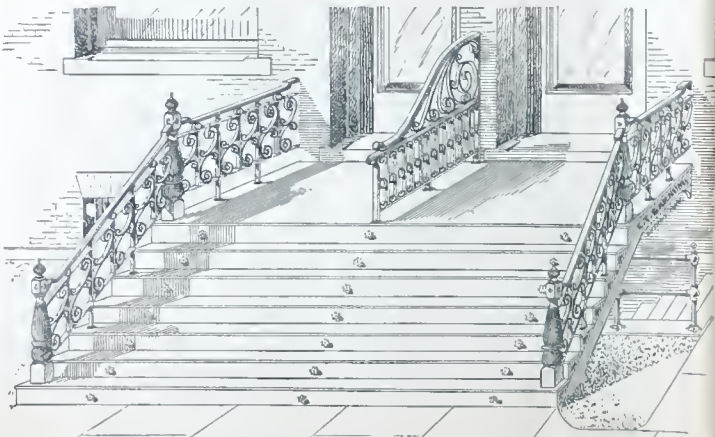


No. 17-WROUGHT STEEL AND IRON STAIRWAY.

Particularly adapted for exterior purposes, and while comparatively inexpensive, is very substantial and durable and an ornament to any modern building.

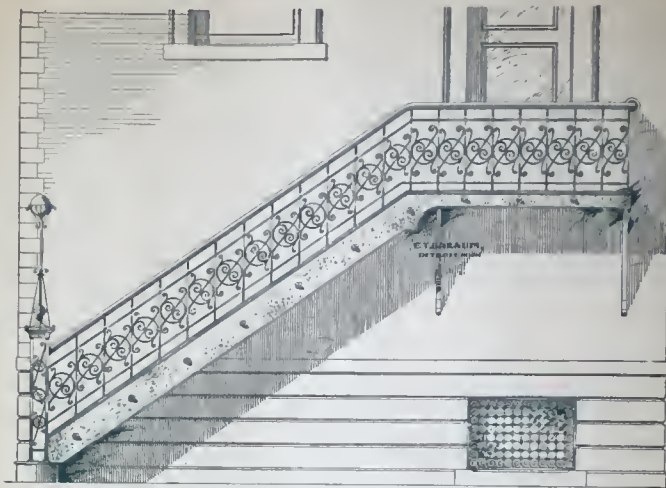
A different design of Railing, Newel Post, Riser, Bracket or Stringer can be substituted.

In writing for prices, it is to your interest to give us full particulars as to rise, run, width, size of platform, etc., to enable us to quote promptly and understandingly.



No. 19-IRON STEPS AND RAILINGS.

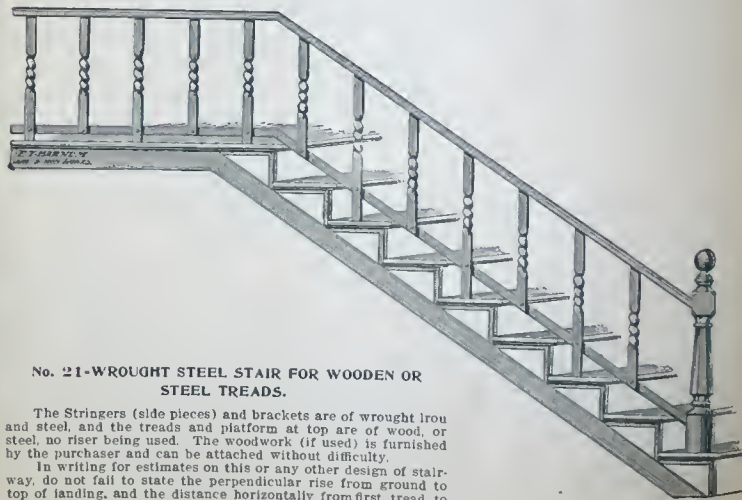
Intended for Double Residences, Flats, etc. The general design can be altered to suit purchaser. Different designs of Newels, Railings, Risers, Stringers, etc., can be substituted. The Railings and Newels can be made to go on wood or stone steps, if desired.



No. 18-WROUGHT STEEL AND IRON STAIRWAY.

A very attractive design, modern in every respect. This design is constructed entirely of wrought steel. We use cold rolled diamond checkered steel plate or cast plates with diamond checkered surface for treads and platform, on account of durability and non-slippery surface. The electric lamp can be omitted from Newel if desired, or various other styles can be substituted.

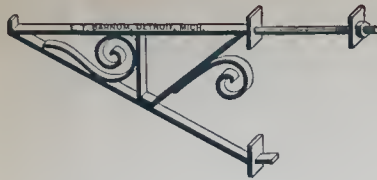
Please give full particulars when writing for prices.



No. 21-WROUGHT STEEL STAIR FOR WOODEN OR STEEL TREADS.

The Stringers (side pieces) and brackets are of wrought iron and steel, and the treads and platform at top are of wood, or steel, no riser being used. The woodwork (if used) is furnished by the purchaser and can be attached without difficulty.

In writing for estimates on this or any other design of stairway, do not fail to state the perpendicular rise from ground to top of landing, and the distance horizontally from first tread to face of landing. Also state what width of stairs is wanted and size of landing. A full explanation of what is required is essential when a close estimate is desired.



No. 3 1/2-WROUGHT STEEL BRACKET.

CAN BE MADE ANY OTHER SIZE.

24 inch Bracket.....	each, \$5.00
30 inch Bracket.....	each, 5.75
36 inch Bracket.....	each, 6.50

Made with shank to extend through wall, and secured with nut and washer on the inside, as shown, for supporting balconies and stairs.



No. 9-WROUGHT STEEL BRACKET.

For 30 inch platform, each.....	\$13.00
" 36 inch platform, each.....	16.00



No. 5 1/2-B-ORNAMENTAL WROUGHT STEEL BRACKET.

MADE ANY SIZE.

For supporting Balconies or Iron Stairs,
36 inches long.....each, \$7.50
Made with bolt to go through wall, with nut and washer on the inside, as shown above.

When ordering Brackets give thickness of wall.

No. 10-IRON AND STEEL STAIRS.

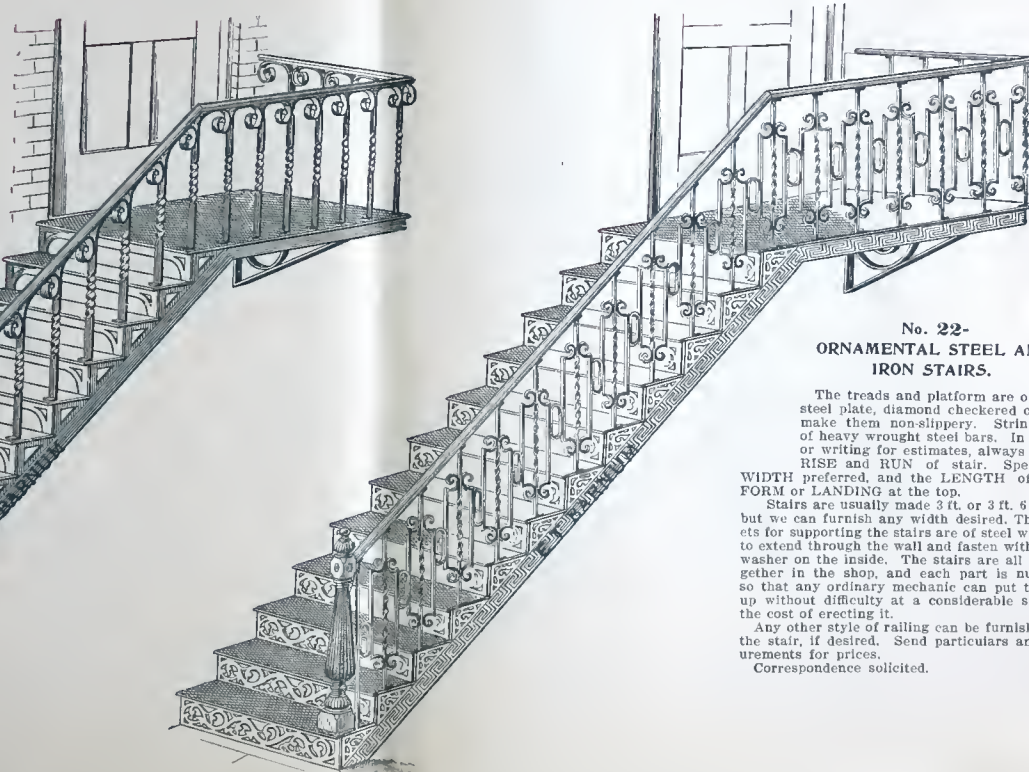
The treads and platforms are of cast or steel plate, diamond checkered on top, to make non-slippery. Stringers are of heavy wrought steel. In writing for estimates, always give the perpendicular rise from floor or ground to platform, and horizontal run of stair and state width wanted; also state length of platform or landing at the top. The usual widths are three feet and three feet six inches, but we can furnish any width desired. The brackets for supporting this work are very strong, usually made of steel, with shaft to extend through the wall and fasten with nut and washer on the inside. The work is all fitted together in the shops and numbered, so that any ordinary mechanic can put it up without difficulty, thus saving considerable in the cost of erecting the work. Any other style of railing can be furnished with this stair if preferred.

Specify Number and Name
of Goods Wanted.

Please Do Not Tear Out
Pages.



No. 10-STAIRS.

No. 22-
ORNAMENTAL STEEL AND
IRON STAIRS.

The treads and platform are of cast or steel plate, diamond checkered on top to make them non-slippery. Stringers are of heavy wrought steel bars. In ordering or writing for estimates, always give the RISE and RUN of stair. Specify the WIDTH preferred, and the LENGTH of PLATFORM or LANDING at the top.

Stairs are usually made 3 ft. or 3 ft. 6 in. wide, but we can furnish any width desired. The brackets for supporting the stairs are of steel with shaft to extend through the wall and fasten with nut and washer on the inside. The stairs are all fitted together in the shop, and each part is numbered, so that any ordinary mechanic can put the work up without difficulty at a considerable saving in the cost of erecting it.

Any other style of railing can be furnished with the stair, if desired. Send particulars and measurements for prices.

Correspondence solicited.

We Make a Specialty of Iron Stairs, both for Interior and Exterior Use.



No. 2 1/2-WROUGHT STEEL
BRACKET.

MADE ANY SIZE.

For Balcony, 24 inch wide, each, \$4.00
For Balcony, 30 inch wide, each, 4.60
For Balcony, 36 inch wide, each, 5.00

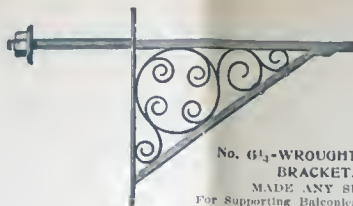
A plain, strong, wrought steel bracket, made with heavy bolt to go through the wall, with nut and washer on inside.



No. 4 1/2-PLAIN CIRCULAR IRON STAIRS.

WITH WROUGHT IRON HAND RAIL.

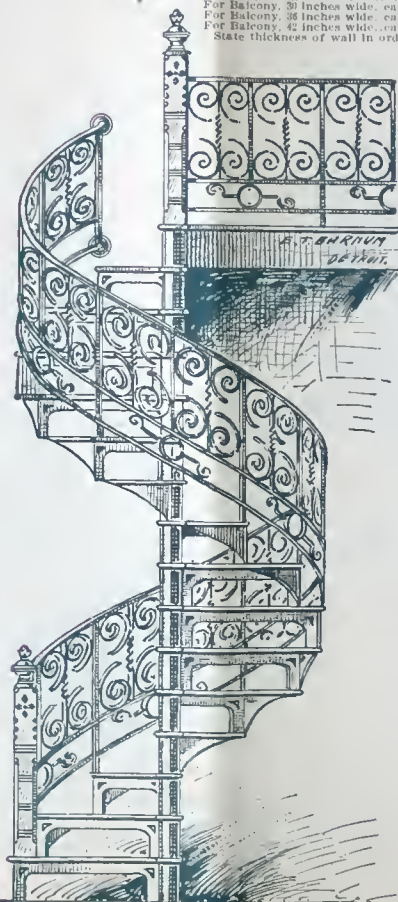
Made with straight starting steps and half risers. Solid paneled or perforated risers can be used. In writing for estimate give rise from floor to floor and diameter of stairs. Usual diameter is 8 1/2 feet. Made any diameter above 4 1/2 feet. Other styles and sizes made, and circular sent upon application.



No. 6 1/2-WROUGHT STEEL
BRACKET.

MADE ANY SIZE.

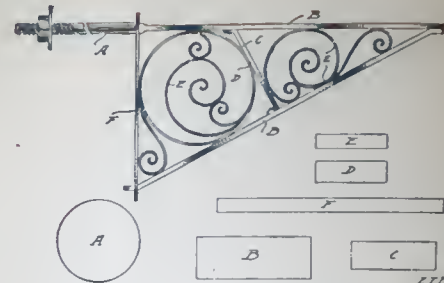
For Supporting Balconies or Stairs.
For Balcony, 30 inches wide, each, \$6.00
For Balcony, 36 inches wide, each, 6.50
For Balcony, 42 inches wide, each, 7.00
State thickness of wall in ordering.



No. 20-CIRCULAR STAIRS.

WITH WROUGHT STEEL ORNAMENTAL BALUS-
TRADE.

Made any diameter from 4 feet 6 in. upwards. Solid paneled or perforated risers can be used. In writing for estimate give rise from floor to floor and diameter of stairs. Other styles and sizes made, and circular sent upon application.



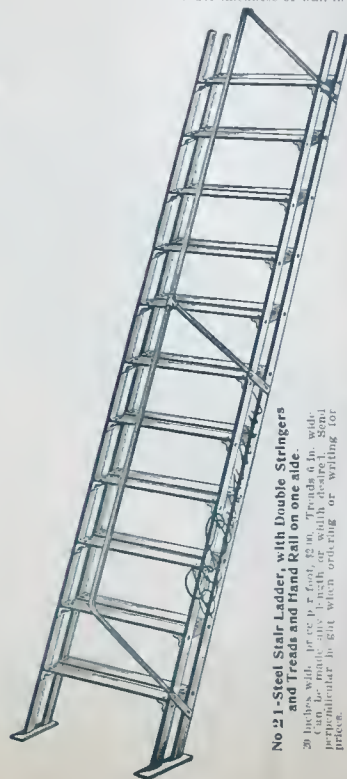
E. T. BARNUM
Detroit - Mich.

Sections of Material

About one-half actual size.

No. 8-WROUGHT STEEL BRACKET.

For supporting stairs or balconies.
For balcony 30 in. wide, each, \$7.00
For balcony 36 in. wide, each, 7.50
For balcony 42 in. wide, each, 8.00
State thickness of wall in ordering. Made any size.



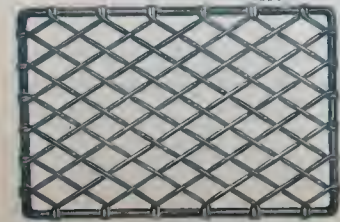
No. 21-Steel Stair Ladder, with Double Stringers
and Treads and Hand Rail on one side.

20 inches wide, with price per foot, \$2.00. Treads 6 in. wide, with price per foot, \$1.00. With desired finish. Send particulars in bill when ordering or writing for price.



No. 20 1/2-STEEL LADDER.

Made 18 inches wide, length 6 feet, 8 feet, 10 feet, 12 feet, 14 feet, 16 feet, 18 feet, 20 feet, 22 feet, 24 feet, 26 feet, 28 feet, 30 feet, 32 feet, 34 feet, 36 feet, 38 feet, 40 feet, 42 feet, 44 feet, 46 feet, 48 feet, 50 feet, 52 feet, 54 feet, 56 feet, 58 feet, 60 feet, 62 feet, 64 feet, 66 feet, 68 feet, 70 feet, 72 feet, 74 feet, 76 feet, 78 feet, 80 feet, 82 feet, 84 feet, 86 feet, 88 feet, 90 feet, 92 feet, 94 feet, 96 feet, 98 feet, 100 feet. Send particulars for price. Can furnish brackets or anchors to fasten the ladder to brick or wood work if desired.



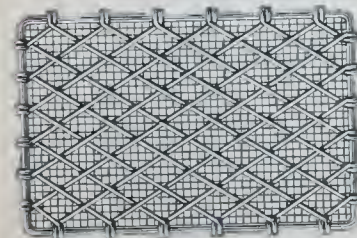
No. 15-B-Wire Window Guard.

For windows of Business Places, Residents, Schools, etc., intended to cover the entire window.

Price List of Nos. 1-B, 3-B, 15-B and 6 Window Guards.

	Per sq. ft.
1 inch mesh, No. 15 wire...	22c
1 inch mesh, No. 11 wire...	22c
1 inch mesh, No. 10 wire...	22c
1 inch mesh, No. 9 wire...	22c
1 inch mesh, No. 8 wire...	22c
1 inch mesh, No. 7 wire...	22c
1 inch mesh, No. 6 wire...	22c
1 inch mesh, No. 5 wire...	22c
1 inch mesh, No. 4 wire...	22c
1 inch mesh, No. 3 wire...	22c
1 inch mesh, No. 2 wire...	22c
1 inch mesh, No. 1 wire...	22c

Nos. 1-B, 3-B, 5-B, 55-C and 6 Window Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.

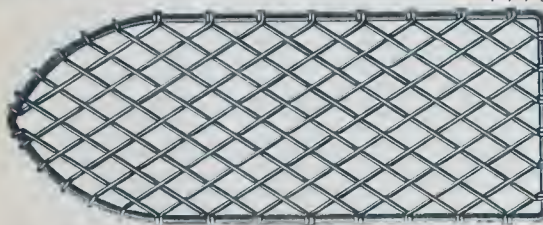


No. 7-B-C-Wire Guard, lined with Fine Wire Cloth.

WITH DESIGN PRIME.

	Per sq. ft.
1 inch mesh, No. 15 wire...	27c
1 inch mesh, No. 11 wire...	27c
1 inch mesh, No. 10 wire...	27c
1 inch mesh, No. 9 wire...	27c
1 inch mesh, No. 8 wire...	27c
1 inch mesh, No. 7 wire...	27c
1 inch mesh, No. 6 wire...	27c
1 inch mesh, No. 5 wire...	27c
1 inch mesh, No. 4 wire...	27c
1 inch mesh, No. 3 wire...	27c
1 inch mesh, No. 2 wire...	27c
1 inch mesh, No. 1 wire...	27c

Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.



No. 1-B-Crimped Window Guard.

With Gothic top for Churches and Asylums.

See also No. 5-B Window Guard.



No. 4-B-Extra Heavy Prison or Asylum Guard.

With a strong Channel Steel Frame to set into a jamb and fasten with screws. (See cut No. 21 for frame and how it is made)

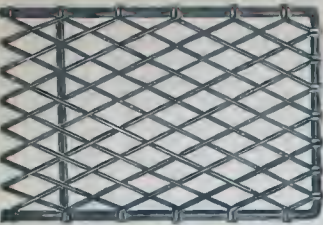
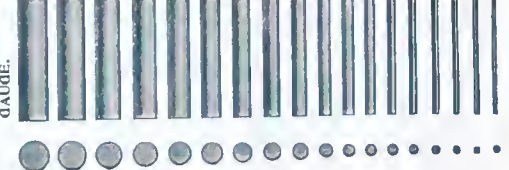
	Per sq. ft.
1 inch mesh, No. 3 wire...	60c
1 inch mesh, No. 4 wire...	60c
1 inch mesh, No. 5 wire...	60c
1 inch mesh, No. 6 wire...	60c
1 inch mesh, No. 7 wire...	60c
1 inch mesh, No. 8 wire...	60c
1 inch mesh, No. 9 wire...	60c
1 inch mesh, No. 10 wire...	60c
1 inch mesh, No. 11 wire...	60c
1 inch mesh, No. 12 wire...	60c
1 inch mesh, No. 13 wire...	60c
1 inch mesh, No. 14 wire...	60c
1 inch mesh, No. 15 wire...	60c
1 inch mesh, No. 16 wire...	60c
1 inch mesh, No. 17 wire...	60c
1 inch mesh, No. 18 wire...	60c
1 inch mesh, No. 19 wire...	60c
1 inch mesh, No. 20 wire...	60c

Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.

No. 21-Style of Frame.

Cut showing method of making Nos. 4-B, 5-B and 9-B with channel iron frame, and how the wire is secured.

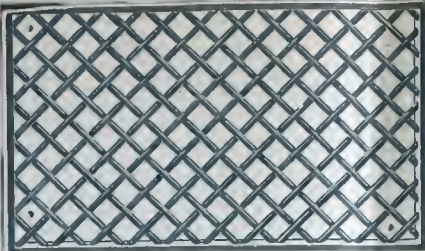
SIZES OF WIRE BY STANDARD WIRE GAUGE.



No. 3-B-Wire Window Guard.

Showing a finished or scroll top, suitable for store windows, residences, etc., and intended to cover entire window.

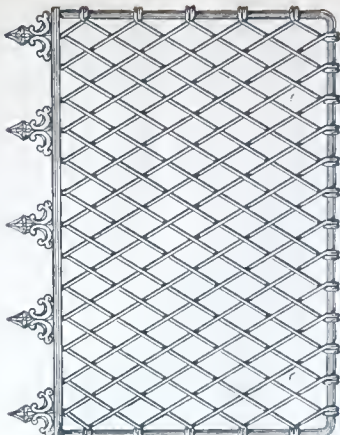
For prices see No. 5-B Window Guard.



No. 19-B-Prison or Asylum Guard.

	Per sq. ft.
1 inch mesh, No. 10 wire...	40c
1 inch mesh, No. 9 wire...	40c
1 inch mesh, No. 8 wire...	40c
1 inch mesh, No. 7 wire...	40c
1 inch mesh, No. 6 wire...	40c
1 inch mesh, No. 5 wire...	40c
1 inch mesh, No. 4 wire...	40c
1 inch mesh, No. 3 wire...	40c
1 inch mesh, No. 2 wire...	40c
1 inch mesh, No. 1 wire...	40c

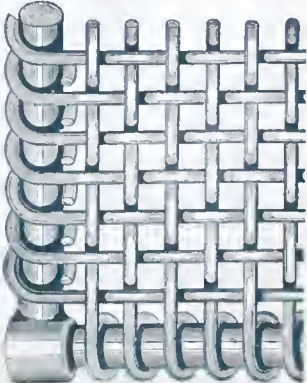
Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.



No. 20-B-Wire Guard, with PICKET TOP.

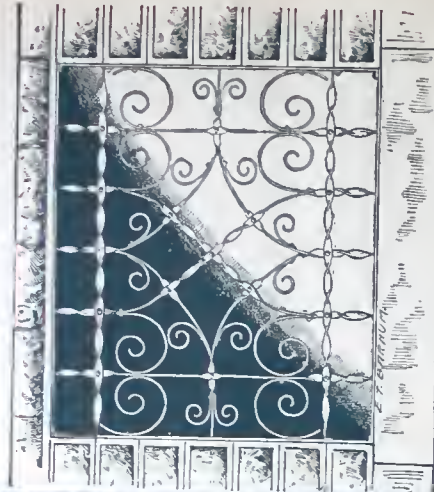
	Per sq. ft.
1 inch mesh, No. 10 wire...	40c
1 inch mesh, No. 9 wire...	40c
1 inch mesh, No. 8 wire...	40c
1 inch mesh, No. 7 wire...	40c
1 inch mesh, No. 6 wire...	40c
1 inch mesh, No. 5 wire...	40c
1 inch mesh, No. 4 wire...	40c
1 inch mesh, No. 3 wire...	40c
1 inch mesh, No. 2 wire...	40c
1 inch mesh, No. 1 wire...	40c

Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.

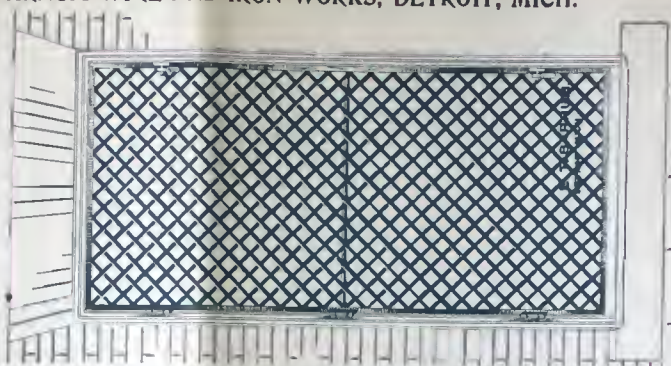


No. 11 4-Heavy Steel Wire Prison Window Guard. Actual Size Wire, Mesh and Frame.

Cut shows 3x3 mesh, No. 12 wire, 1/4-in. round frame. Price, per square foot, 80c. The purpose of this fine mesh guard is to prevent anyone on the outside from passing tools, weapons, etc., to the prisoners. Guards can be secured to casing with large staples or bolt through the casing, or can be attached to the steel bar guards with which jails are generally provided. Give size when writing for price. Guards containing less than 5 sq. ft. will be figured as 5 sq. ft.



No. 116-STEEL WINDOW GRILLE.
Price per square foot..... \$1.50 to \$2.00



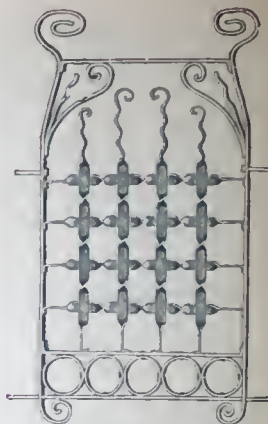
No. 119-HEAVY CRIMPED WINDOW GUARD.

Suitable for Asylums, Store Windows, etc. Usually made of 2-inch mesh. No. 8 crimped steel wire, secured into channel steel frame. Usually we place 3 butt hinges on one side and 2 strong hasps and staples on opposite side, as shown in illustration.

Price, per square foot.....50c

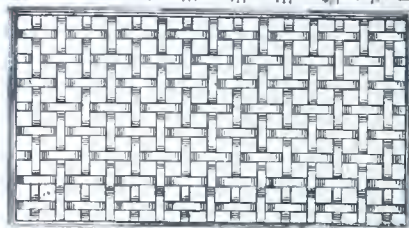
Padlocks not included.

Other sizes of meshes and wire in proportion.
When writing for prices, please state size and how many guards are desired.
We will quote special price on large orders.

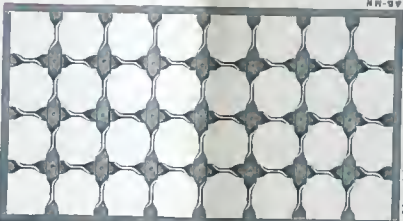


No. 142-Wrought Steel Grille.

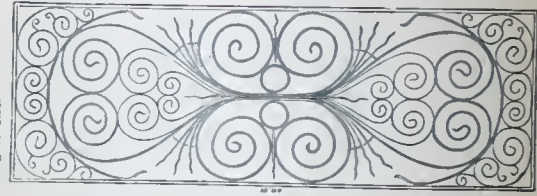
Especially adapted for prominent basement windows. Can be made any size or shape or finish. Prices quoted on receipt of sizes.



No. 44 1/2-Flat Crimped Steel Window Guard.
Price, per sq. foot, according to size and quantity ordered.
Send Sizes and Write for Prices.

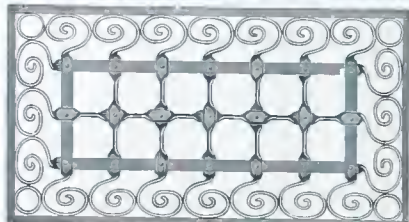


No. 41 1/2-Quarter Twist Flat Steel Window Guard.
Price, per sq. foot, according to size and quantity ordered.

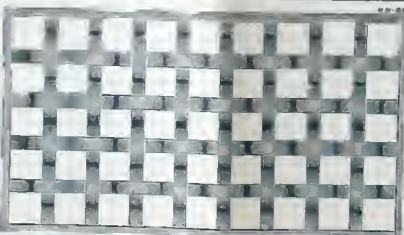


No. 141-WROUGHT STEEL GRILLE.

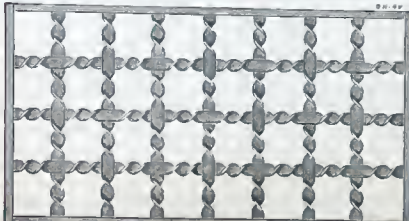
We are unable to quote satisfactory prices on Grilles of this or similar design without specifications as to sizes and quantity.



No. 42 1/2-Ornamental Scroll Border Wrought Steel Window Guard.
Price, per sq. foot, according to size, \$1.10 to \$1.30.



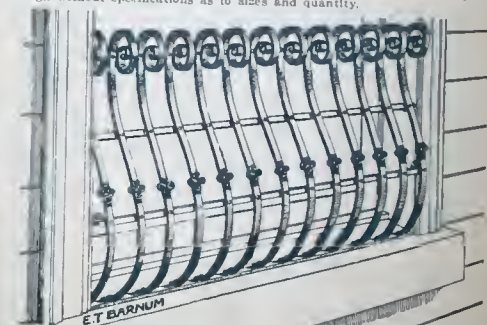
No. 43 1/2-Flat Crimped Steel Window Guard.
Price, per sq. foot, according to size and quantity ordered.



No. 45 1/2-Flat Twisted Steel Window Guard.
Price, per sq. foot, according to size and quantity ordered.



No. 40 1/2-Half Twist Flat Steel Window Guard.
Price, per sq. foot, 70c to \$1.25, according to size, etc.



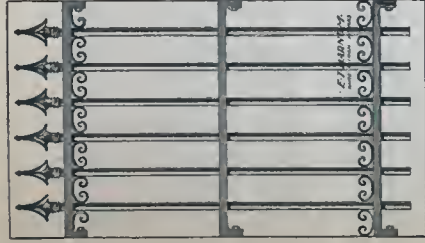
No. 118 1/2-WROUGHT STEEL WINDOW GUARD.

Price, 36 inches high, per lineal foot..... \$1.50
Price, 48 inches high, per lineal foot..... 4.00

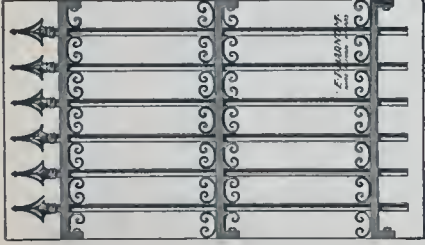
Usually finished in dead black.

These massive designs are designed for protecting windows in large bank and office buildings. They are particularly adapted where the window sill is low, and effectually prevent the habitual loafers from utilizing the sill for a lounging place.

Send sketch of casing, width and full particulars when writing for prices.



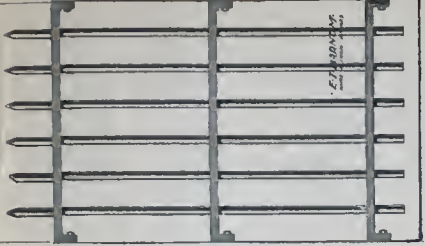
No. 37-Steel Window Guard.
 1 1/2 inch iron. Price per sq. ft. \$.80
 1 inch iron. Price per sq. ft. 1.00
 3/4 inch iron. Price per sq. ft. 1.20
 Can be made with ends turned down
 to fasten to casing or any way cus-
 tomer prefers.



No. 38-Steel Window Guard.
 1 1/2 in. round iron uprights, per sq. 1.00
 1 in. round iron uprights, per sq. 1.20
 3/4 in. round iron uprights, per sq. 1.40



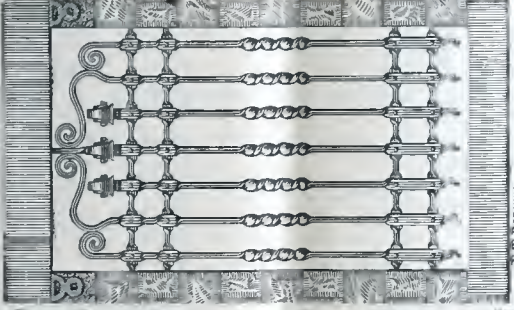
No. 36-Wrought Steel Window Guard.
 Made with 1/2 in. in round steel pickets. 1.00
 Made with 3/4 in. round steel pickets. 1.20
 Improved and changed a trifle. Give
 exact size of opening and state how
 you want the guards to fasten.



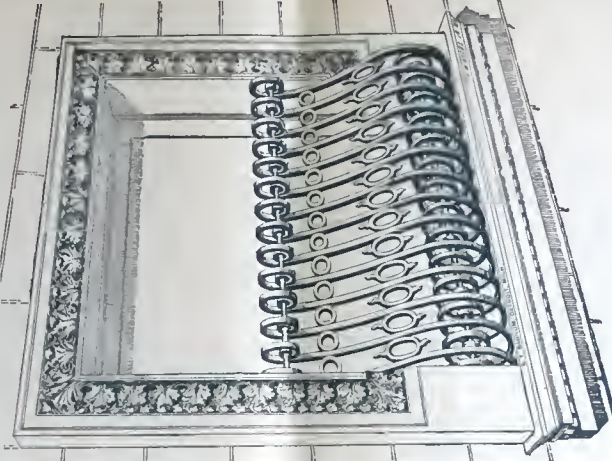
No. 35-Plain Wrought Iron Window Guard.
 With 1/2 inch round iron pickets..... per sq. ft. 50c
 With 3/4 inch round iron pickets..... per sq. ft. 70c
 Intended for four windows or of other
 plain design if customer is wanted. Can
 be made any size or shape desired.



No. 14-Wrought Steel Window Guard.
 Price, \$1.25 to \$2.25 per square foot, according to
 size of mesh. Made of flat steel
 of either 2, 3 or 4 inch mesh, and made of flat steel
 twisted at intersections. Mention size of
 mesh desired.



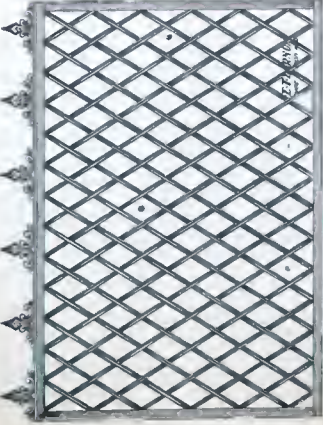
No. 13-Wrought Iron Window Guard.
 Price, \$1.50 to \$2.25 per sq. foot, according
 to size and quantity. Made of flat bar steel
 twisted at intersections.



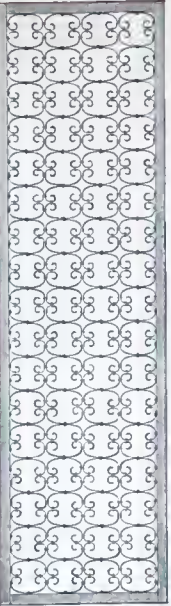
No. 11 1/2-HEAVY WROUGHT STEEL WINDOW GUARD.
 Price, about 26 in. high, per linear foot..... \$6.00
 Price, about 48 in. high, per linear foot..... 7.00

Usually finished in dead black.
 These massive designs are designed for protecting windows in large
 bank and office buildings. They are particularly adapted where the win-
 dows are so placed as to be easily reached by persons who may attempt
 to break them down. They prevent the habitual looters from utilizing
 the sill for a lounging place.

Send sketch of casing, width, and full particulars when writing for
 prices.



No. 27-WIRE GUARD, WITH PICKET TOP.
 1 1/2 inch mesh. No. 12 wire..... per square foot, 21c
 1 inch mesh. No. 14 wire..... 24c
 3/4 inch mesh. No. 16 wire..... 27c
 1/2 inch mesh. No. 18 wire..... 30c
 Can be made on all sides
 partitions, and for large or small windows, elevators, etc doors,
 Guards containing less than 5 sq. ft. will be figured as 5
 sq. ft.



No. 143-WROUGHT GRILLE.

Can be made of steel or brass and is suitable for either interior or
 exterior purposes. The design is a popular one, owing to its durability
 and pleasing appearance.

DIRECTIONS FOR PUTTING UP CRESTING.

Make a diagram of the roof, allowing about three inches for the Cresting to set in from edge, and mark all the measurements plainly upon the diagram. If a plan of the roof is forwarded giving the measurements where the Cresting is to set, it will be cut, fitted and painted, ready to put up. If so ordered. A Final should be used at EACH corner or angle.

For ridge roofs, the charge will be 15 cents per lineal foot, extra, net, if the feet are beveled to fit the ridge.

All Cresting will be made with Flat Feet unless otherwise ordered.



No. 1—Cresting, 16 in. high, for bay windows... 45c
No. 1—Cresting, 21 in. high, for small buildings... 45c
No. 1—Cresting, 24 in. high, for 2-story buildings... 50c
No. 1—Cresting, 30 in. high, for large buildings... 60c



No. 2—Cresting, 18 inches high... per lineal ft., 50c
No. 2—Cresting, 24 inches high... per lineal ft., 55c



No. 3—Cresting, 21 inches high... per lineal ft., 50c
No. 3—Cresting, 24 inches high... per lineal ft., 55c



No. 4—Cresting, 22 inches high... per lineal ft., 60c
No. 4—Cresting, 24 inches high... per lineal ft., 65c



No. 5—Cresting, 15 inches high... per lineal ft., 40c
No. 5—Cresting, 18 inches high... per lineal ft., 45c
No. 5—Cresting, 21 inches high... per lineal ft., 50c
No. 5—Cresting, 24 inches high... per lineal ft., 55c
No. 5—Cresting, 30 inches high... per lineal ft., 70c
No. 5—Cresting, 36 inches high... per lineal ft., 80c



No. 6—Cresting, 18 inches high... per lineal ft., 50c
No. 6—Cresting, 24 inches high... per lineal ft., 60c
No. 6—Cresting, 30 inches high... per lineal ft., 70c

All our Cresting is made with flat feet unless otherwise ordered. Nos. 1, 19, 21½ and other Finala go with this and other styles of Cresting. We secure special through rates of freight to all parts of the country.

All our Cast Cresting is JAPANNED, and not simply dipped or painted in the usual way.

Don't buy "painted" Cresting when you can have the genuine "Japan" finish at same or less price.

DIRECTIONS—CONTINUED.

Put blocks, 3 inches square and 1 inch thick, every 7 or 8 feet, and have them tinned over to prevent roof leaking; then nail on top of them strips 3 inches wide, 1 inch thick, and set the Cresting on it. If there is a pitch to the roof, the blocks and strips can be beveled off, so as to make a level surface. For the ridge, a 2-inch beveled strip can be nailed down and the Cresting set on that; this is the way it is generally used; or the Cresting can be made with pitch feet, to go on either side of the ridge, costing 15 cents net per foot extra. All ridges should be finished off with the top strip flattened about 2 inches, then the ordinary Cresting can be used.

SEND A DIAGRAM OR PLAN OF THE ROOF, and we will fit and Japan the Cresting before shipping and number each cut section, so that anyone can easily set it in position, charging actual cost only. SCREWS AND BOLTS ARE FURNISHED AT COST AND SHIPPED WITH THE CAST CRESTING.



E.T. BARNUM

No. 7—Cresting, 10 inches high... per lineal ft., 30c
No. 7—Cresting, 24 inches high... per lineal ft., 60c
No. 7—Cresting, 30 inches high... per lineal ft., 70c
No. 7—Cresting, 34 inches high... per lineal ft., 75c



No. 8—Cresting, 15 inches high... per lineal ft., 45c
No. 8—Cresting, 18 inches high... per lineal ft., 50c
No. 8—Cresting, 24 inches high... per lineal ft., 60c



No. 9—Cresting, 15 inches high... per lineal ft., 45c
No. 9—Cresting, 20 inches high... per lineal ft., 55c



E.T. BARNUM

No. 10—Cresting, 30 inches high, Japanned... per lineal foot, \$0.75
No. 10—Cresting, 36 inches high, Japanned... per lineal foot, 0.85
No. 10—Cresting, 42 inches high, Japanned... per lineal foot, 1.05



No. 11—Cresting, 10 inches high... per lineal ft., 30c
No. 11—Cresting, 12 inches high... per lineal ft., 35c
In ordering, always mention whether wanted for a ridge or level roof.



E.T.B.

No. 12—Cresting, 24 inches high... per lineal ft., 60c
No. 12—Final to match this style Cresting... each, \$1.50

ROOF CRESTING.

☐ Cresting can be set with feet in or out, according to size and shape of roof.
 ☐ Send diagram of roof and write for prices.
 ☐ Order by NUMBER only, and mention the height wanted. DO NOT CUT THE CATALOGUE, as the number is sufficient to designate the pattern wanted.
 Cresting makes a building look higher and gives it a more finished and attractive appearance than can be obtained in any other way, especially if Finales are used.



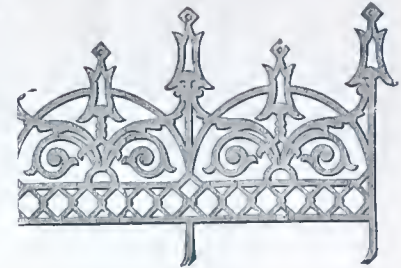
No. 21—Cresting, 24 in. high, per lineal foot, 50c
 No. 21½—Finial, height to match any style of Cresting, each, 1.40



No. 33—Cresting, 18 in. high, per lineal foot, 50c
 No. 33½—Cresting, 24 in. high, per lineal foot, 65c
 No. 33¾—Cresting, 30 in. high, per lineal foot, 70c



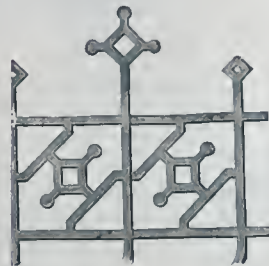
No. 34—Cresting, 22 in. high, per lineal foot, 50c
 No. 34½—Cresting, 28 in. high, per lineal foot, 60c
 No. 34¾—Cresting, 30 in. high, per lineal foot, 70c



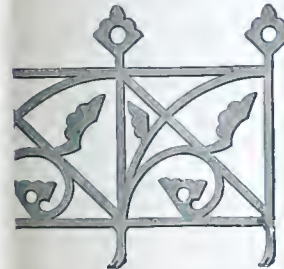
No. 35½—Cresting, 18 in. high, per lineal foot, 50c
 No. 35¾—Cresting, 21 in. high, per lineal foot, 55c
 No. 35¾—Cresting, 24 in. high, per lineal foot, 60c
 No. 35¾—Cresting, 30 in. high, per lineal foot, 70c



No. 27½—Cresting, 26 in. high, per lineal foot, 65c
 No. 27¾—Cresting, 32 in. high, per lineal foot, 75c



No. 28—Cresting, 15 in. high, per lineal foot, 35c



No. 33½—Cresting, 18 in. high, per lineal foot, 45c



Per Lineal Foot.
 No. 39½—Oak Leaf Cresting, 15 in. high, 40c
 No. 39½—Oak Leaf Cresting, 20 in. high, 50c
 No. 39½—Oak Leaf Cresting, 25 in. high, 60c
 No. 39—Oak Leaf Finial to match, each 1.50



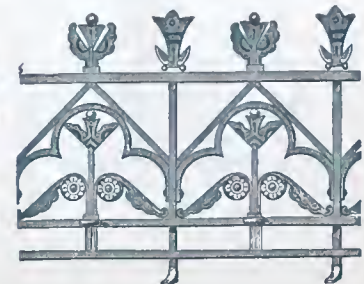
No. 32½—Cresting, 15 in. high, per lineal foot, 25c
 No. 32¾—Cresting, 18 in. high, per lineal foot, 45c
 No. 32¾—Cresting, 24 in. high, per lineal foot, 60c



No. 33¾—Cresting, 12 in. high, per lineal foot, 30c
 No. 33¾—Cresting, 15 in. high, per lineal foot, 40c
 No. 33¾—Cresting, 18 in. high, per lineal foot, 45c



No. 40—Cresting, 18 in. high, per lineal foot, 50c
 No. 40—Cresting, 24 in. high, per lineal foot, 55c



No. 43—Cresting, 25 in. high, Japanned, per lin. ft., 80c

All our Cast Cresting is JAPANNED, and not simply dipped or painted in the usual way.

We pack our Cast Cresting so that it never gets broken in transit.
 of it we "know how."

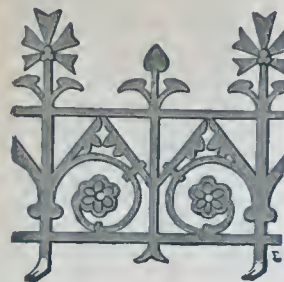
We have sold so much



No. 44—Cresting, 15 in. high.....per lineal foot, 55c
 No. 44—Cresting, 21 in. high.....per lineal foot, 60c
 No. 44—Cresting, 24 in. high.....per lineal foot, 65c
 No. 44—Cresting, 30 in. high.....per lineal foot, 70c



No. 45—Cresting, 18 in. high.....per lineal foot, 55c
 No. 45—Cresting, 21 in. high.....per lineal foot, 60c



No. 55—Cresting, 18 in. high.....per lineal foot, 55c
 No. 55—Cresting, 24 in. high.....per lineal foot, 70c



No. 56—Cresting, 18 in. high.....per lineal foot, 55c
 No. 56—Cresting, 24 in. high.....per lineal foot, 70c



No. 49—Cresting, 15 in. high.....per lineal foot, 45c
 No. 49—Cresting, 21 in. high.....per lineal foot, 60c
 No. 49—Cresting, 30 in. high.....per lineal foot, 70c
 No. 49—Cresting, 36 in. high.....per lineal foot, 90c



No. 50—Cresting, 24 in. high.....per lineal foot, 70c



No. 51—Cresting, 16 in. high.....per lineal foot, 50c



No. 52—Cresting, 15 in. high.....per lineal foot, 55c
 No. 52—Cresting, 21 in. high.....per lineal foot, 70c

Iron Roof Cresting is very desirable. It improves a building and gives it a finish far superior to wood, and at a less expense. It requires less painting and repainting, and will last a lifetime. It is suitable for frame as well as brick or stone buildings. Makes a building look bigger and adds to its value especially if finials are used.

All our Cast Cresting is JAPANNED, and not simply dipped or painted in the usual way. — Finials give a "finish" to the corners and angles. Our Corner Irons and Steel Finial Shafts are a great improvement over the cast iron shafts used by our competitors.

Finials are made with flat feet as shown in cut, but can be made without feet if desired, so as to set into Wood Ornaments. All our Finials are made with separable wrought iron shaft.



No. 39—Oak Leaf Finial, \$1.50
 No. 41 1/2 Finial, \$1.30
 No. 49 Finial, \$1.50
 No. 6 Finial, \$1.00
 No. 21 1/2 Finial, \$1.40
 Copyrighted 1891.



Illustration shows No. 44, Cresting with No. 21 1/2 Finial attached, showing the wrought iron shaft and patent corner iron.



No. 255-CORNER IRON. (Patent applied for.)

All our Finials are made with separable wrought iron shaft, and used with No. 255 Corner Iron are easily set plumb, and besides being rigid themselves, hold the Cresting firm. Directions—Attach two corner irons (one above the other) to cresting where drilled for same by bolts "A." Slip finial shaft through slot "C." Then attach next section of cresting to bolts "B" and draw nut "D" tight. Cresting and finial will then be secure. If corner of cresting is more than a right angle, bend bolt "B" towards "A" as much as necessary.

MALLEABLE IRON CRESTING AND FINIALS.

(All Malleable Cresting is PAINTED, not Japanned.)

NO BOLTS SENT WITH MALLEABLE CRESTINGS.



Copyrighted 1883.

No. 69-B-MALLEABLE CRESTING, 6 inches high, per lineal foot, 30 cts.



Copyrighted 1883.

No. 68-MALLEABLE CRESTING, 16 inches high, per lineal foot, 60 cts.

No. 74. Finial matches this Cresting.
Malleable Cresting and Finials equal in strength to Wrought Iron. Pattern in sections 12 inches long. All Malleable Finials are FOUR SIDED.



Copyrighted 1883.

No. 67½-MALLEABLE CRESTING, 24 inches high, per lineal foot, \$1.20.

No. 72. Finial matches this Cresting.



Copyrighted 1883.

No. 60-B-MALLEABLE CRESTING, 24 inches high, per lineal foot, 90 cts.

No. 71½. Finial matches this Cresting.

Malleable Cresting can be easily bent to fit a curve or angle. It is almost as strong as wrought iron.



No. 2-B-MALLEABLE IRON PICKETS, JAPANNED, each 10c.

To ornament a fence, and to keep the same from climbing over, use these pickets. They occupy 12 inches, and are 5 inches high. Behind each picket is an ornamental Picket for corner and Gate post same price.



Copyrighted 1883.

No. 71½-MALLEABLE CRESTING, 9 inches high, per lineal foot, 50 cts.



Copyrighted 1883.

No. 64-B-MALLEABLE CRESTING, 12 inches high, per lineal foot, 60 cts.

No. 73. Finial matches this Cresting.



Copyrighted 1883.

No. 70½-MALLEABLE CRESTING, 18 inches high, per lineal foot 90 cts.

No. 76. Finial Corresponds nicely with this design.



Copyrighted 1883.

No. 66-B-MALLEABLE CRESTING, 28 inches high, per lineal foot, \$1.10.

Malleable Cresting can be shipped in bundles without fear of breakage.

Refer to No. 100 complete Catalogue sent you last spring.

16 Ornamental Iron Finials for Cresting.

Finials should be used at corners or angles, with all patterns of Cresting. They are fastened to the corners with our New Patent Corner Irons, thus forming a support, and are also easily set plumb; and being higher than the Cresting give it a more finished appearance. They are made in DIFFERENT HEIGHTS to suit any cresting, and parties can select style.



No. 22-Finial.
FOR CRESTING.
30 to 54 in. high \$4.50



No. 23-Finial.
Small size .41.75
Large size .3.00



No. 1-Finial, \$1.50
Finials are made different heights to fit the Cresting.



No. A-7 1/2-Finial.
\$1.75
To match No. 7 1/2
Cresting.
Copyrighted.



No. 19 1/2-Finial,
\$2.25
Appropriate for
any style of Cresting.



No. 24-Finial.
Small size \$1.40
Large size \$2.00



No. 72-Malleable
Finial.
Each \$4.00



No. 76-Malleable
Finial.
Each \$2.00



No. 71 1/2-Malleable Finial.
Each \$2.00



No. 74-Malleable Finial.
Each \$3.00



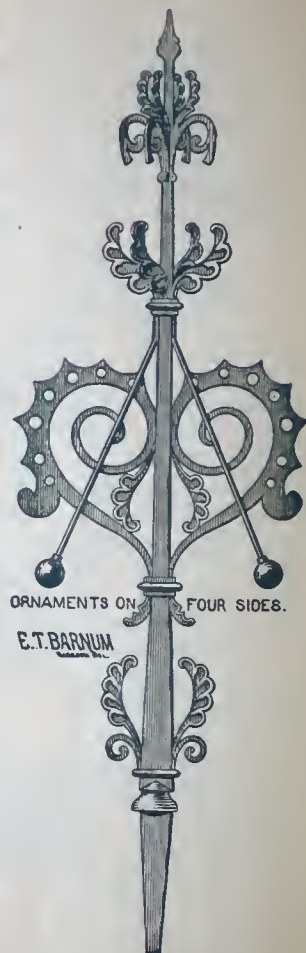
No. 73-Malleable
Finial.
Each \$2.00



No. 5-Tower Finial.
Five feet high, with
Wrought Iron Shaft.
Each \$4.50
This illustration shows
the top of a tower with
the Finial set into it. It
has no galvanized iron
base.



No. 110-B-Tower
Ornament. 1 1/2
feet high, without
base, each \$3.00; with
galvanized iron base \$3.50
extra.



No. 75-Tower Ornament.
With iron shaft 9 feet
high, including 18-inch
base, to extend into the
tower.
Each \$15.00

These illustrations, 71 1/2, 74, 73, 72, 76, show flat Finials, but they are made four sided.

ORNAMENTS ON FOUR SIDES.

E.T. BARNUM

NOTE: Liberal commissions paid anyone who will give information that will secure us new jobs of IRON or WIRE WORK, such as Court House and Cemetery Fences, Jail Cells, Jail Work, Fire Escapes and all kinds of Builders' Iron Work on public and private buildings. Correspondence solicited.

No. 101V-Glided Scroll Vane.

New design for Public Buildings, Churches or	2 ft. long, mounted, complete, each	\$11.00
	2 1/2 ft. long, mounted, complete, each	14.00
	3 ft. long, mounted, complete, each	16.00
	3 1/2 ft. long, mounted, complete, each	19.00
	4 ft. long, mounted, complete, each	21.00
	4 1/2 ft. long, mounted, complete, each	23.00
	5 ft. long, mounted, complete, each	25.00
	5 1/2 ft. long, mounted, complete, each	31.00
	6 ft. long, mounted, complete, each	41.00
	6 1/2 ft. long, mounted, complete, each	46.00

The Vane is gilded with solid leaf, the shaft is iron and is made to extend about six inches

The Vane is gilded with gold leaf, the shaft is iron and is made to extend about 18 inches into the tower.

PLEASE DO NOT TEAR OUT PAGES.
Specify NUMBER and name of goods wanted.

No. 54-B-English Banneret,
New Pattern.

GILDED VANE AND ORNAMENTS.
NEW PATENT.
 8 ft. high, Vane 2½ ft. long, each, \$26.00
 9 ft. high, Vane 3 ft. long, each, 31.00
 10 ft. high, Vane 3½ ft. long, each, 36.00
 With the gilded iron base, \$5.00
 extra. The shaft is iron and is usually
 made to extend down into the tower
 about 18 inches.

We advise having the base or apron made at home by your tinner. It is bulky to ship and doesn't fit tower ton as well.

No. 36-B-Steel Gable Finial.

No. 30-B-Steel Cable Final.
Made 30 inches high, painted..... \$9.00

These are new designs, made of steel and entirely hand forged. Other heights and styles can be furnished at proportionate prices. In ordering or writing for prices, state height wanted and specify pitch of roof they are to be fitted for. Special designs made to order.

No. 35-B-Steel Cable Fintal.

No. 33-B-Steel Cable Final.
Made 30 inches high, painted.....\$6.00

No. 2021 $\frac{1}{2}$ -BANNERET.

Mounted complete with Spire, Letters and Ball. Same as No. 42 $\frac{1}{2}$ Scroll Vane on this page.

2 feet 6 inches long	each, \$20.00
2 feet 6 inches long	each, \$20.00
2 feet 6 inches long	each, \$20.00

The Vane is glided with, cold leaf and the shaft is iron and made to suit tower. Can be made without spire, letters and ball and painted instead of glazed at a less price.

No. 2021/-BANNERET.

Mounted complete with Spire, Letters and Ball. Same as No. 42% Scroll Vane on this page.

Vane, 2 feet 6 inches long	each, \$20.00
Vane, 3 feet long	each, \$23.00

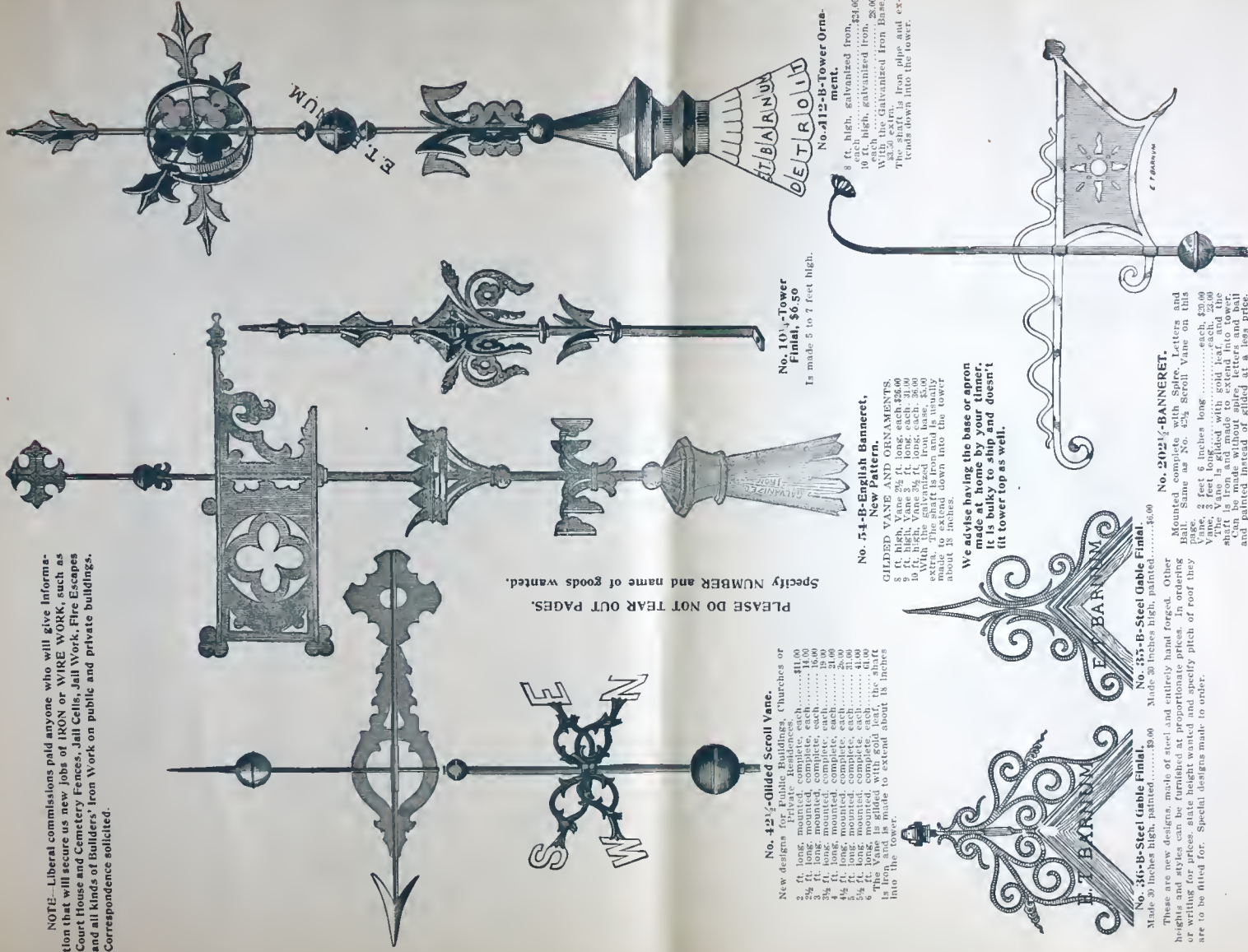
The Vane is gilded with gold leaf, and the shaft is iron and made to extend into tower. Can be made without spire, letters and ball and painted instead of gilded at a less price.

No. 10¹/₄-Tower
Final. \$6.50

Is made 5 to 7 feet high.

No. 112-B-Tower Ornament.

8 ft. high, galvanized iron, each \$24.00
10 ft. high, galvanized iron, each 28.00
With the Galvanized Iron Base, \$3.50 extra.
The shaft is iron pipe and extends down into the lower



ORNAMENTS FOR TOWERS.



No. 125-MALLEABLE IRON WEATHER VANE.

Vane $3\frac{1}{4}$ Feet Long.

6 feet 6 inches high, painted ... each, \$15.00

No. 125 and No. 126 Weather Vanes are made of malleable iron, which is equivalent to wrought iron. Are of the most exquisite patterns, and make handsome ornamentation for a tower.

The Vane part and letters can be gilded with gold leaf, costing extra.



No. 120-B-TOWER ORNAMENT.

Extreme Height, 5 ft.
6 in. Price, \$3.00.

Galvanized Iron Base,
\$3.50 extra.



No. 23 1/2-GILDED ARROW VANE.

60 in. long, each, \$30.00
48 in. long, each, 20.00
42 in. long, each, 18.00
36 in. long, each, 15.00
30 in. long, each, 10.00
24 in. long, each, 8.00
18 in. long, each, 6.00
15 in. long, each, 5.00
12 in. long, each, 4.00

Mounted complete, as shown.

The Vane, balls and letters are gilded with pure gold leaf.



No. 121-B-TOWER ORNAMENT.

Extreme Height, 6 ft.
4 in. Price, \$11.00

Galvanized Iron Base,
\$3.50 extra.



No. 126-MALLEABLE IRON WEATHER VANE.

Vane $3\frac{1}{4}$ Feet Long.
Painted.

8 ft. high, painted,
each, \$23.00.

We advise having the base or apron made at home by your tinner. It is bulky to ship and doesn't fit tower top as well.

COPPER WEATHER VANES.

GILDED WITH 23-CARAT GOLD LEAF.

Directions for Putting Up Vanes.

If the Cupola is finished with a wooden post or finial, there should be an iron ring fitted on to the upper end to prevent sliding.

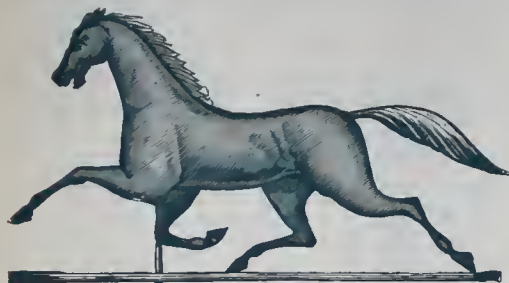
Bore a hole ten inches deep, $\frac{1}{4}$ or $\frac{1}{2}$ of an inch larger than the spire, then bore two inches deeper the same size as the spire.

For large Vanes, bore this hole sixteen inches deep, $\frac{1}{2}$ or $\frac{3}{4}$ inch larger than the spire, then bore two inches deeper the same size as the spire.

Set in the spire, and drive in long tapering wooden wedges covered with white lead or plastic cement, plumbing the spire as you drive the wedges. Put on the large Ball, letting it rest on the top of the tower or a few inches above it, then put on the letters, setting the letter N to the north by compass or the North Star, put on the small Ball, and then the Vane.

NOTE—Do not handle the gilded parts without using cotton or soft tissue paper in the hand.

We particularly invite comparison of our Copper Vanes with those of any other manufacturer in this country, as to styles, designs and prices. The price of each Vane includes iron spire, with steel spindle, points of compass, gilded letters and balls. Cheap Vanes are made of galvanized iron or sheet zinc. Zinc contracts and expands by the action of the weather five times as much as copper. The result will be that if you buy a cheap zinc Vane it will crack where united, and soon fall to pieces.



No. 1—Ethan Allen Weather Vane.

SWELL BODIED.

Price—Mounted Complete with Spire, Letters, and Balls. Gilded with pure gold leaf.

Each.	
No. 1. Ethan Allen, 31 in. long.	\$20.00
No. 2. Ethan Allen, Jr., 25 in. long.	15.00
No. 2. Ethan Allen, 4 ft. long.	75.00



Medium Rooster.

Mounted complete like Ethan Allen, shown on this page.

No. 14 size, 24 inches.	\$15.00
No. 15 1/2 size, 32 inches.	20.00

Gilded with pure gold leaf.



Goldsmith's Maid.

FULL BODIED.

No. 16 1/2—Size 32 inches.	\$30.00
No. 16 1/2—Size 40 in., with Sulky.	40.00
No. 15 1/2—Size 50 in., with Wagon.	50.00

Made with Spire, Letters and Balls, in proportion to sizes.



Patchen Weather Vane.

FULL BODIED.

Price—Mounted complete with Spire, Letters and Balls.

No. 4-A—42 inches long, full bodied.	\$40.00
No. 4—Patchen, with Sulky, 52 inches long.	\$60.00

Gilded with pure gold leaf.

We can make any style of Vane, Banneret or Finial, to order, from special designs. Send designs and get estimates.

We have all kinds of Vanes. Explain where you propose to use it, and we will suggest an appropriate design. Refer to No. 100 complete catalogue sent you last spring.



COW VANE.

Mounted complete, same as Ethan Allen, shown on this page.

No. 9 size, 17x28 inches.	\$25.50
No. 9-A size, 20x36 inches.	50.00

OX VANE.

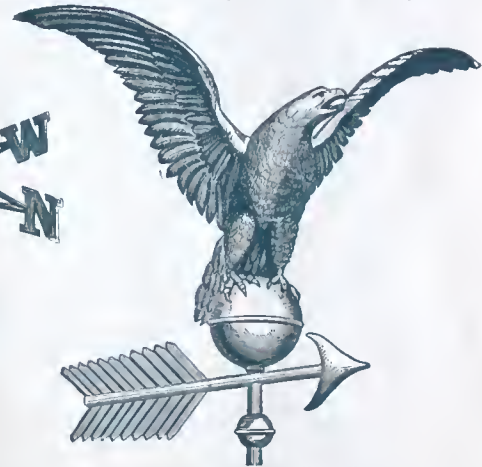
No. 3, size, 13x24.	\$20.00
No. 4-A, size, 20x36.	50.00

With Spire, Letters and Balls complete, in proportion to size.

SHEEP VANE.

No. 10, RAM, 20x32.	\$35.00
No. 11, 54 1/2 x 32, 20x32.	50.00

With Spire, Letters and Balls complete.



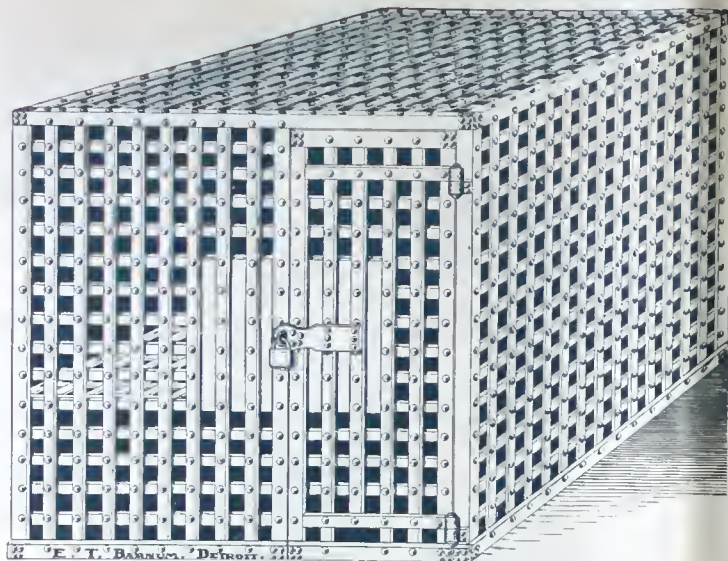
Copper Eagle Vane.

Mounted complete, same as Ethan Allen, shown on this page.

	Eagles only	Eagles with Arrows, Spire, and Letters
FULL BODIED.		
No. 53—15 inches spread.	\$12.00	\$15.00
No. 53 1/2—18 inches spread.	18.00	21.00
No. 30—2 feet spread.	20.00	25.00
No. 29—2 feet 6 inches spread.	30.00	35.00
No. 28—2 feet 8 inches spread.	40.00	50.00
No. 71—4 feet spread.	60.00	70.00
No. 37—5 feet 6 inches spread.	125.00	150.00
No. 70—6 feet 6 inches spread.	150.00	175.00
No. 70—7 feet spread.	185.00	200.00
No. 69—8 feet spread.	225.00	250.00

Arrow vane indispensable when Eagles are used.

Send for Complete Weather Vane Circular.



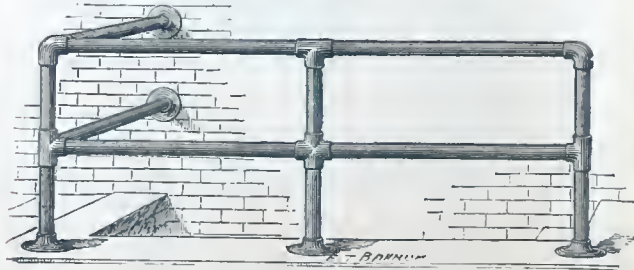
JAIL CELLS.

CUT SHOWS No. 8-LATTICE JAIL CELL.

Send for Special Catalogue of Jail Cages and Other Jail Work.

Our well-known Lattice Cells are the best, safest and strongest made. Every town should have some protection of this kind.
The usual size is 5 ft. wide, 6 ft. 6 in. deep, and 6 ft. 6 in. high, but they can be made any size desired. They are made of flat Bessemer steel Jail bars, securely riveted at each intersection with steel rivets, all firmly riveted to a heavy Bessemer steel angle frame, and are usually made without bottom, to fasten to cement, stone or plank floor. Each cell is made with one or more folding bunks and door hung on heavy forged hinges and secured by Yale jail padlock. This style cell is generally made of lattice work on all four sides and top, thereby affording excellent light and ventilation, and enabling the watchman or jailer to keep the prisoner under constant surveillance without entering the cell. If preferred, the top or any part of the walls or cell can be made of solid steel plate instead of lattice work.
Especially adapted for towns and villages wanting a strong, secure and inexpensive Jail Cell.

We Received Highest Award for Jail Cells at World's Fair.



No. 349-TUBULAR IRON AREA RAILING.

30 inches high, 1 1/2 inch outside diameter rails. Price per foot.....\$0.30
30 inches high, 1 1/2 inch outside diameter rails. Price per foot.....1.00
Each post or upright, extra.....2.00

THE

ELDRIDGE & HIGGINS CO.

No. 85-WIRE SIGN.

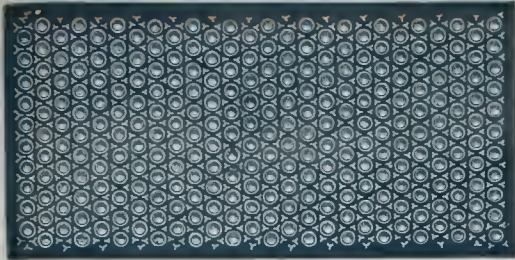
2 1/2 feet long, 5 feet high, with any lettering, arranged as in cut or otherwise.
2 1/2 feet long, 7 feet high, with any lettering, arranged as in cut or otherwise.
2 1/2 feet long, 9 feet high, with any lettering, arranged as in cut or otherwise.
3 1/2 feet long, 10 feet high, with any lettering, arranged as in cut or otherwise.
3 1/2 feet long, 11 feet high, with any lettering, arranged as in cut or otherwise.
3 1/2 feet long, 12 feet high, with any lettering, arranged as in cut or otherwise.

1 ft. on
12 ft. on
12 ft. on
12 ft. on
12 ft. on

ANY SIZE OR SHAPE MADE TO ORDER.

These designs are an improvement on wood signs, for tops of large buildings, factories, business blocks, storerooms, etc. They can be made much larger without risk of being blown down, and read distinctly at a far greater distance. Wire signs are particularly adapted for factories and very large buildings, and we solicit correspondence from all interested. Signs can be made any conceivable length and height. When writing for prices, state probable length you desire, send rough sketch of roof, showing where sign will be set, and state what kind of a roof it is, so we can make an estimate understandingly.

SIGNS ARE MADE IN SECTIONS AND CAN BE SET UP VERY EASILY.

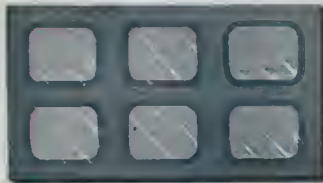
**No. 200-1/2-BULL'S EYE ILLUMINATING SIDEWALK TILING.**

Price, per square foot.....\$1.75

This was for many years the standard tiling and is today preferred by many. It is strong, durable and serviceable. The projecting knobs make the surface unpleasant to walk on, but its durability offsets this drawback. It should always be used over boiler rooms in preference to the concrete.

State size of opening and explain whether measurements include the rabbet or groove. The work is shipped ready to set in place.

Tiling should have a bearing of at least 2 in. on all 4 sides. It is fully illuminated.

**No. 203-ORNAMENTAL FLOOR LIGHTS.**

Price per square foot.....\$2.50

Where a large area of glass surface and a supporting strength of 10 lbs. or more to the square foot are required, the work as shown by this cut meets the demand fully; the glass is parallelogram shaped 6 inches by 8 with rounded corners.

For ornamental purposes the glass can be made of any desired shape, and with additional expense, made in colors to suit.

We arrange for radiating prisms on the bottom side of the glass which have a pleasing effect to the eye, also radiate the light in various directions.

This is a very light and strong construction.

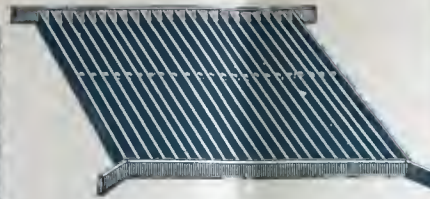
**No. 202-DROP LENS CONCRETE TILING.**

Price per square foot.....\$4.00

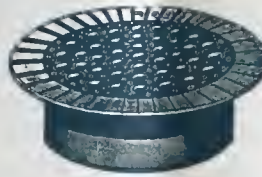
We print here a small section of a drop lens tiling.

The glass is set the same as the flat glass, and where economy is a strong feature with owners, we can alternate a row of the drop lenses with a row of flat glass at a less price. The light enters the top of this glass at right angles to the surface or vertically, a portion passing straight through, but the greater portion is reflected when it strikes the oblique surface at the back of the pendant, and is thrown forward in almost horizontal lines being refracted a little downward when they pass through the vertical face or front of the pendant.

Explain in which direction the light is to be thrown.

**No. 1-1/2-WROUGHT IRON ORATING.**

Made of wrought iron, with heavy iron frames. For sidewalks in front of store windows. Made to set into stone flagging or wood frame. Can be made any size and to open on hinges if desired. In writing for estimates give exact size of opening. Prices quoted upon application.

**No. 20 C-COAL HOLE AND ILLUMINATING COVER.**

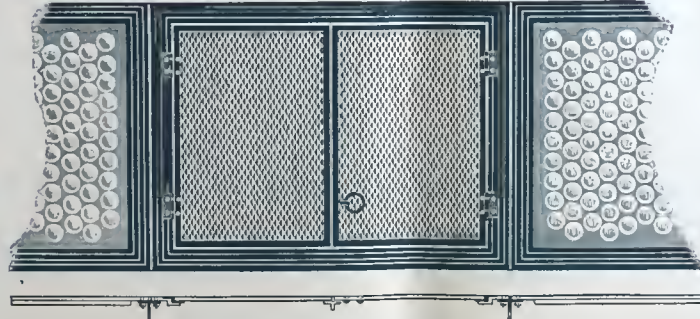
Prices No. 20 C Illuminating. Cover and Ventilating Cover. Cover only. Thimble as shown. Prices No. 21 C (Cover made ventilating instead of illuminating.)

15 inch, each	4.00	6.50	11.90	4.90
16 inch, each	4.20	6.80	12.10	5.20
17 inch, each	4.50	7.10	12.30	5.50
18 inch, each	4.80	7.40	12.50	5.80
20 inch, each	5.20	8.00	13.00	6.20
24 inch, each	7.70	11.50	17.00	8.00
30 inch, each	10.50	20.00		

Do not cut hole in walk until coal hole and cover are received.

Cut rabbet around opening the thickness of flange, so that top of flange will be flush with walk when set.

Under side of cover has a ring to attach end of fastening chain to.

**No. 251-CAST IRON SIDEWALK DOORS.**

Specify Size of Opening in Writing for Prices.

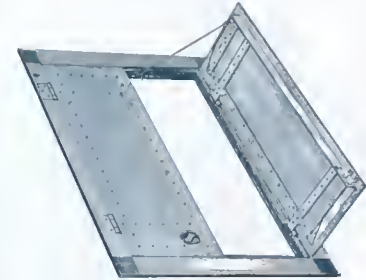
Doors are of cast iron with diamond checkered surface to make non-slippery. They are very durable and necessarily rigid. On account of their weight they should not be used for large openings. They are set flush with walk as shown by the sectional view. Not necessarily used in connection with sidewalk light as shown as they can be set in stone, concrete or wood walk.

**No. 201-1/2-CONCRETE ILLUMINATING SMOOTH SURFACE SIDEWALK TILING.**

Price, per square foot.....\$1.90

This Tiling is very popular now, on account of its even, non-slippery surface, and being free from holes or projections offers a secure and pleasant footing. Always clean, highly ornamental, of great durability and perfectly water tight. It requires no painting and does not rust. Its surface being made of glass and hydraulic cement, it rather improves by age. It is used in the modern office and public buildings, both for interior and exterior work.

In ordering, give the size of opening, and state whether the rabbet or groove is included. Tiling should have a bearing of 2 inches on all sides. State whether you want a water flange on any side or sides. Do not cut the stone until the sidewalk light is received. Send sketch and dimensions for estimate.

**No. 252-PLATE IRON SIDEWALK DOORS.**

Price, per square foot over all.....\$1.75

If single door add \$1.50 net to cost for extra work.

If double door add \$15.00 net to cost for extra work.

These doors are made of flat sheet steel set with button-headed rivets to make non-slippery. They can be left smooth and cost a little less, but the surface is treacherous, especially during cold weather. They are not water tight when made as shown, but can be made perfectly tight at a higher cost and when made so are not flush with the walk. A single door is made for small openings. Any shape, size or kind of door made. State especially what you want in writing for prices.

**ASH PIT OR FLUE DOORS.**

Door 7x9, japanned.....per dozen, \$7.50

Door 7x12, japanned.....per dozen, 10.00

Door 10x12, japanned.....per dozen, 12.00

Door 10x15, japanned.....per dozen, 15.00

Made with Improved Box Flanges to build in wall.

METAL COVERED SASH BARS.

(SEE NOTE.)

To Architects, Builders and Contractors:

Our metal covered sash bars are made in various shapes and sizes, as illustrated in our ACTUAL SIZE sectional views on next page. The core is of hard wood, over which is drawn a heavy sheet of POLISHED COPPER, BRONZE, GERMAN SILVER, or BRASS, all of which are non-corrodible. Any special finish applied to the metal will cost more. The metal covering is drawn through dies, giving a perfectly even and smooth surface, and, when bars are placed in position, they appear as solid metal. The polished German Silver is the popular finish.

Our illustration on this page shows an old-fashioned store front, remodeled into modern style, giving the largest amount of plate glass front for displaying goods. Our bars form the framework for plate glass. No. 13 or No. 12 is used for the corner uprights, No. 10 T bar for the division and horizontal cross bar, and No. 6 quarter-round bar at bottom, top and ends.



The glass is usually set in white lead or putty, and the wood strips screwed in rear hold it in place (see sketch "A"). We supply the bars in any length and the customers generally do their own mitering and joining, which is an easy matter, or we can fit them, charging actual cost. In giving lengths always add a few inches more than actual length required to allow for mitering, etc.

For large windows of course the larger sizes are used, and for small window the smaller bars.

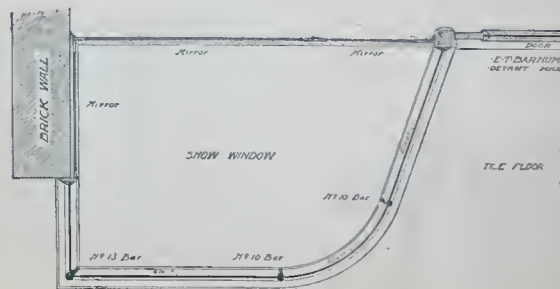
These bars are also used extensively in making show and display cases for exterior or interior use. The price is reasonable and will allow their use in many places where heavy clumsy wood mouldings are now used.

Always order by numbers marked on illustrations.

Most of our sash bars can be curved to a large radius to fit curved glass. In writing for prices state what the radius is, and we will quote. Curved bars cost more than straight work.

NOTE--Be particular to state what metal you want when ordering!!!

**We use Polished Bronze, Copper, German Silver or Brass.
ANY OTHER METAL WILL COST MORE.**



PLAN
SHOWING HALF OF STORE FRONT

Above illustration shows a store front with curved glass corner pieces. Styles of sash bars used are No. 13 bar uprights and No. 10 for horizontal bars.

SASH BARS.

We will be glad to give information regarding the adaptability of the different shapes to the work in question.

These Cuts are Actual Sizes.



No. 6--"QUARTER-ROUND" BAR.



No. 7--"T" BAR.



No. 9--"THREE-QUARTER" BAR.



No. 4--"T" BAR.



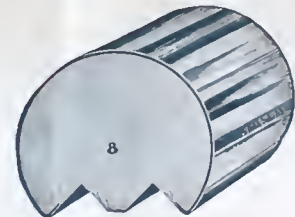
No. 1--"T" BAR.



No. 2--"T" BAR.



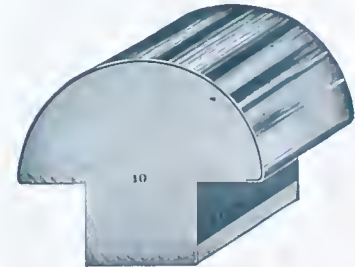
No. 3--"QUARTER-ROUND" BAR.



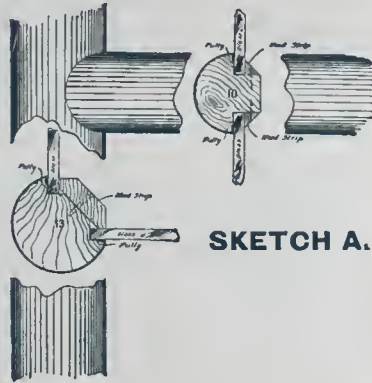
No. 8--"THREE-QUARTER ROUND" BAR.



No. 5--"T" BAR.



No. 10--"T" BAR.



SKETCH A.

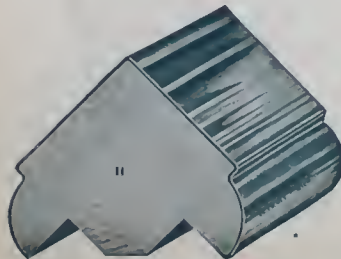
PRICES

of Sash Bars, Covered with Polished Copper, Bronze, Brass or German Silver, Polished Finish.

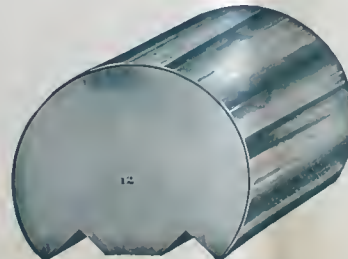
No.	1	per foot	.....	\$0.32
"	2	"	.....	0.40
"	3	"	.....	0.40
"	4	"	.....	0.50
"	5	"	.....	0.60
"	6	"	.....	0.60
"	7	"	.....	0.80
"	8	"	.....	0.90
"	9	"	.....	1.05
"	10	"	.....	1.00
"	11	"	.....	1.35
"	12	"	.....	1.20
"	13	"	.....	1.50

SPECIAL PRICES IN LARGE QUANTITIES.

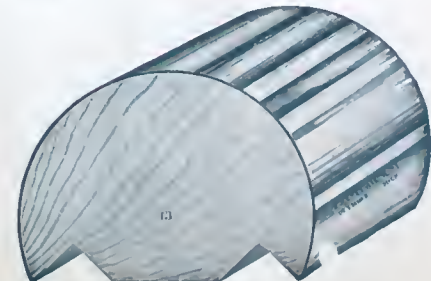
NOTE! State what Metal is wanted when ordering.



No. 11--"THREE-QUARTER" BAR.

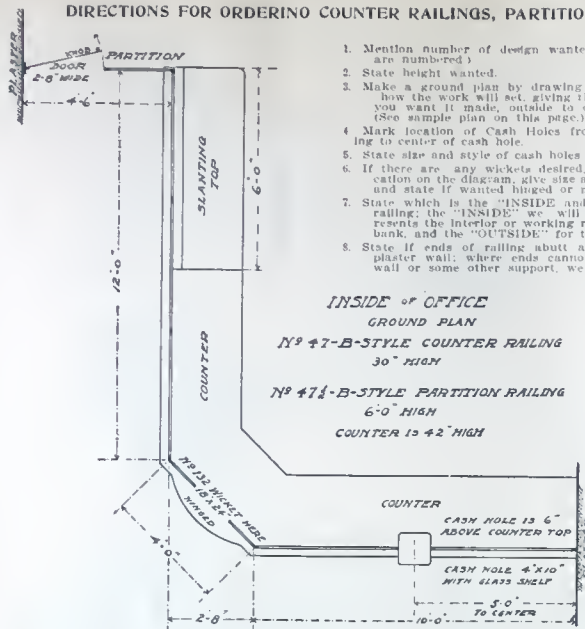


No. 12--"THREE-QUARTER ROUND" BAR.



No. 13--"THREE-QUARTER ROUND" BAR.

DIRECTIONS FOR ORDERING COUNTER RAILINGS, PARTITIONS, ETC.



INSIDE OF OFFICE

GROUND PLAN

No. 47-B-STYLE COUNTER RAILING

30" HIGH

No. 47A-B-STYLE PARTITION RAILING

6'-0" HIGH

COUNTER IS 42" HIGH

- Where doors are used mark on which side hinges are wanted, and make a plan showing which way they should swing. We usually put on a spring latch, having a keyhole on outside and knob only on inside. Mark on diagram on which side knob should be.
- If there are curves, give the exact radius, and the beginning and ending of the points of the curves or send a paper pattern cut the exact shape of curve.
- State how work is to be finished.

CONSTRUCTION OF WIRE AND METAL RAILINGS.

All our railings, WITH THE EXCEPTION OF Nos. 2, 200, 201, 202, 203, 204 and 204 styles, have flat channel iron frames about 7/8 in. x 7/16 in. with screw holes in bottom rail to screw to counter or desk, and in ends when railing abuts wall or wood. The styles excepted have round iron frames and are secured to counter with screws which pass through wire eyes attached to the frames.

The doors are usually furnished with butt hinges. If spring hinges are desired, please state it in order. We can put on single acting or double acting hinges, costing \$2.00 to \$3.00 extra, net.

The posts in partition railings have substantial feet which screw to the floor. The bottom rail of wire work is usually raised 4 to 8 inches from the floor to allow sweeping underneath. The height is figured from the floor to the top of top rail, NOT including picket.

All work is carefully fitted and set up at our shops and shipped in sections. Anyone can set it up in a very short time.

We particularly call your attention to our Electro-Plated finishes, applied by our improved method. This is a very modern, durable and handsome finish. It is much superior to others and we guarantee a better class of work.



Copyrighted 1911, by E. T. Barnum

No. 2-WIRE COUNTER RAILING.

12 inches high.....	per running foot, \$0.75	21 inches high.....	per running foot, \$1.10
15 inches high.....	per running foot, .85	24 inches high.....	per running foot, 1.30
18 inches high.....	per running foot, .95	30 inches high.....	per running foot, 1.50
20 inches high.....	per running foot, 1.00		

No. 11 Cash Hole, size 7x8 or 8x10 net extra, each, \$1.00. Shaping Ogee ends, \$1.00 each, extra, net. No. 21 Cash Hole, size 10x12 or 12x14, extra, \$1.50 net, with door and catch, \$2.00 net, extra.

This railing is not intended for large offices, but more especially for store counters, desks, etc., where a serviceable, but low-priced railing is required. The frame is 4 to 5-1/2 inch round iron, with 1 1/2 inch mesh, crimped diamond wire-work. It is desirable to have the ends turn in or project over the counter to help strengthen it, unless each end can be secured to woodwork. Iron braces accompany the railing when in long pieces. It is painted and relieved with bronze.

ALL DESIGNS ON THIS PAGE HAVE A ROUND IRON FRAME.

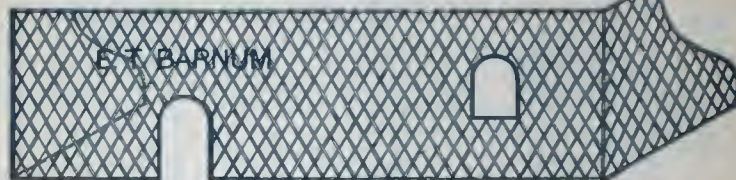


No. 201-DESK RAILING, FOR STANDING CASH DESK IN STORES.

15 in. x 20 in. x 24 in.
high, high.
2 feet long with 12 inch
Ogee return on each
end and cash opening
extra, each.....\$7.50 \$8.25 \$8.75
2 ft. 6 in. long as above \$9.75 \$10.50 \$11.25
4 ft. 6 in. long as above \$14.44 \$15.25 \$15.96
5 ft. 6 in. long as above \$19.30 \$20.15 \$20.91

Other sizes made to order.

This Railing has round iron frame and is secured to counter with screws which pass through wire eyes attached to the frame. Handsomely painted and relieved with bronze.



No. 202-COUNTER AND DESK RAILING.

USUALLY PAINTED AND RELIEVED WITH BRONZE.

12 inches high.....	per running foot, 50 cents	20 inches high.....	per running foot, \$0.85
15 inches high.....	per running foot, \$0.95	24 inches high.....	per running foot, 1.00

Extra for shaping Ogee ends, for each, net. Cash Holes 7x8 or 8x10, \$1.00 net, extra. Large Cash Holes, \$1.50 extra net.

This Railing has round iron frame and is secured to counter with screws which pass through wire eyes attached to the frame.



No. 203-COUNTER AND DESK RAILING.

NEATLY FINISHED IN DARK COLOR AND RELIEVED WITH BRONZE.

15 inches high.....	per running foot, \$0.95	24 inches high.....	per running foot, \$1.20
18 inches high.....	per running foot, 1.05	30 inches high.....	per running foot, 1.40
20 inches high.....	per running foot, 1.10	36 inches high.....	per running foot, 1.50

Extra work shaping Ogee Wings, extra, \$1.00 net each. Cash Holes extra. (See above) per running foot, \$1.50. This Railing has round iron frame and is secured to counter with screws which pass through wire eyes attached to the frame.



No. 204-COUNTER AND DESK RAILING.

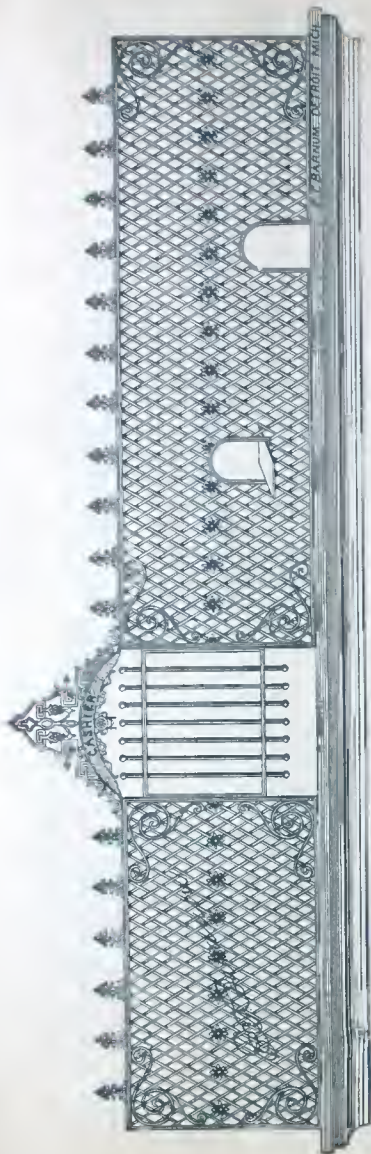
PAINTED DARK COLOR AND RELIEVED WITH BRONZE.

15 inches high.....	per running foot, \$1.10	24 inches high.....	per running foot, \$1.60
18 inches high.....	per running foot, 1.20	30 inches high.....	per running foot, 1.80
24 inches high.....	per running foot, 1.40	36 inches high.....	per running foot, 2.00

Extra work shaping "Ogee Wings, \$1.50 each net. Cash Holes extra, same as above. Can be made any size or shape to fit angles and curves. Special prices on application.

This Railing has round iron frame instead of a flat iron and is secured to counter with screws which pass through wire eyes attached to the frame.

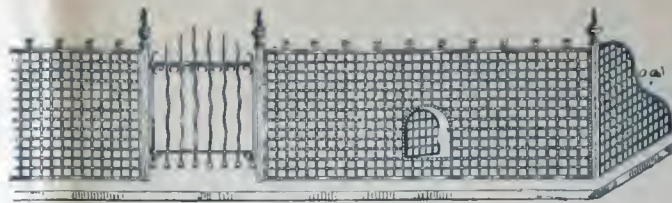
For Channel Iron Frame see No. 5.



No. 101-STYLE ORNAMENTAL COUNTER RAILING.

This is a comparatively new design and is very substantial. The mesh work is made of crimped steel wire, secured into flat channel frames and corner scrolls and rosettes are placed on the outer edge of the work. The mesh work is made of crimped steel wire, secured into flat channel frames and corner scrolls and rosettes are placed on the outer edge of the work. It can be made any shape or size desired to fit angles and curves, and cash holes and wickets can be placed in the most convenient locations.

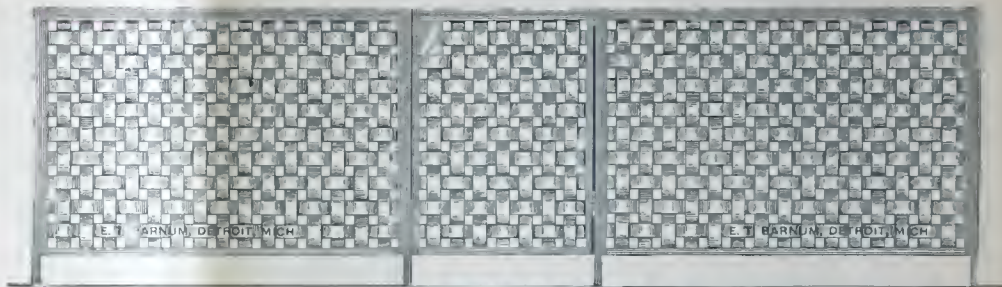
33 inches high, not including pickets	per square foot	\$1.00
33 inches high, not including pickets	per square foot	1.20
33 inches high, not including pickets	per square foot	1.50
33 inches high, not including pickets	per square foot	1.80
Pickets on top, not including pickets	per running foot	.20
Pickets on top, not including pickets	per running foot	.20
Rosettes in center, net	each	1.00
The Cash Holes are usually made 18x30, 18x12, or 18x11		
Ornamental Arch, lettered in gold, net		\$3.00
Cash hole only	each	1.50
Cash hole and wood shelf, iron	each	1.20
Wood wicket, 18 inches wide, polished brass	each	10.00
Hinges and lock on wicket	each extra	2.00



No. 410-B-DESK OR COUNTER RAILING. Made of Flat Wire.

20 inches high. Price per square foot	.....\$1.05	Wickets, each \$16.00; Channel Posts, net.	.....\$3.50
24 inches high or upwards. Price per square foot	1.00	No. 3 cash hole and door, 10x12	.....net 4.00
O. G. End finish, extra work, net	.....2.00	Pickets on top	.....per running foot, net .20

See page #4 for directions for ordering. Give height from counter and size desired.
Usually finished in dead black. Antique copper finish, 25c per square foot additional.

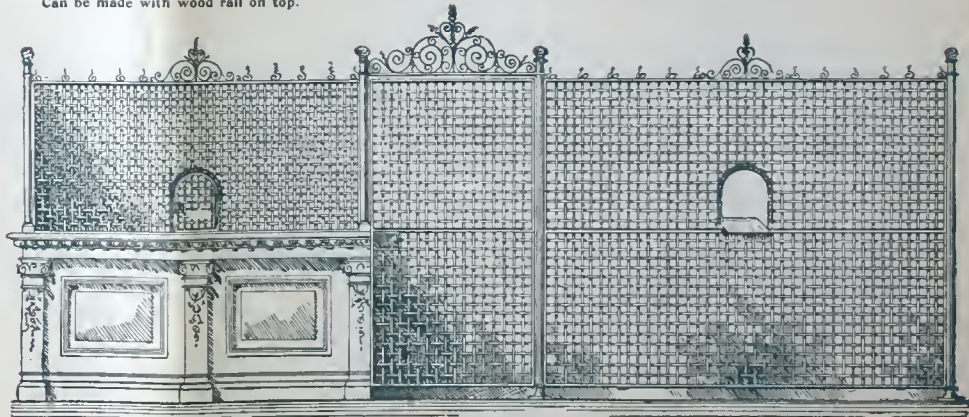


No. 148-OFFICE FENCE OR RAILING.

33 inches high from floor to top. Price per lineal foot, dead black finish\$2.50	36 inches high from floor. Price, per lineal foot, dead black finish\$3.25
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Gates to swing both ways, with self-closing hinges, extra, \$5.00. Posts, extra, each, \$3.50.

Can be made with wood rail on top.



No. 51-B-FLAT WIRE RAILING AND PARTITION.

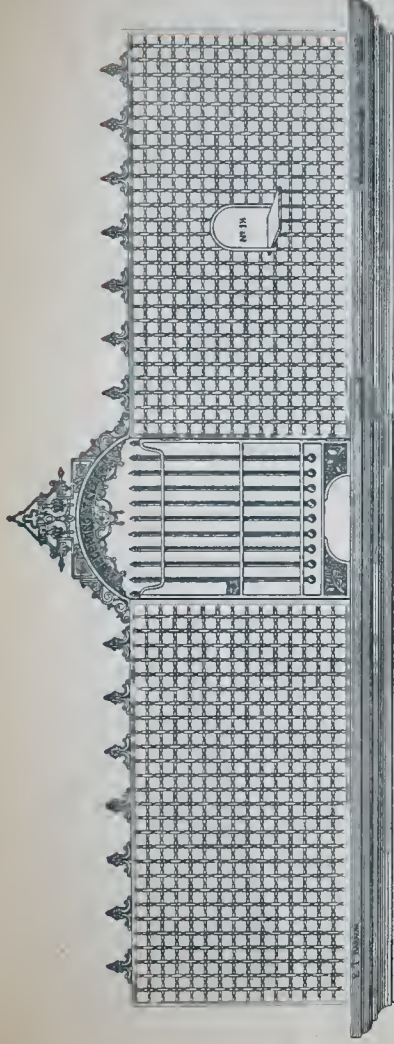
COUNTER RAILING, 1 1/2 INCH MESH.

24 inches high. Price per square foot, dead black finish	.....\$1.00
30 inches high or upwards. Price per square foot	.....1.20
Cash hole with door or cash hole with glass shelf	.....each 4.00
Channel Posts	.....each 4.00
Pickets on top, per running foot	......20

PARTITION RAILING, 1 1/2 to 2 INCH MESH.

6 feet high from floor or upwards. Price, per square foot	.....\$0.50
Extra work on door, spring lock, hinges, etc.	.....5.50
Extra for door with safety Yale night lock, 3 keys	.....7.50
Extra for channel post, 6 feet high, each	.....5.00
Extra for ornamental scroll arch over door	.....6.00

Antique copper finish, 25c per square foot additional.



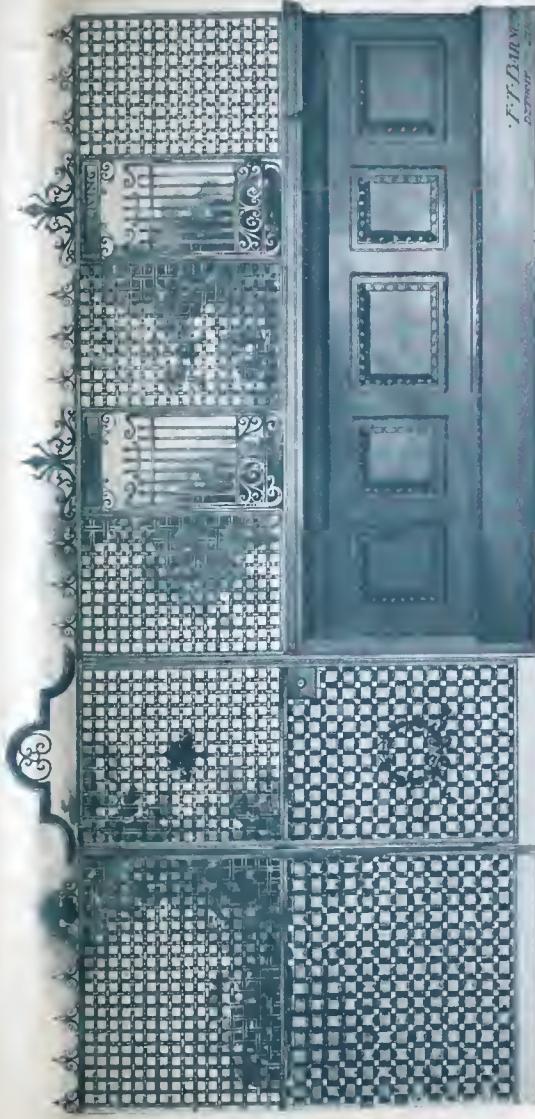
Copyrighted by E. T. Barnum, 1891.

No. 13-B-ORNAMENTAL TWISTED STEEL WIRE BANK AND OFFICE COUNTER RAILING.

This style, like all other patterns, can be made to order any size or shape desired, with such style cash holes, openings, etc., as the business of the office may require. Can be finished entirely with gold or aluminum bronze, or made of POLISHED BRASS OR OXIDIZED FINISH. If desired, at reasonable price. It is a neat pattern and is very strong and durable. It is made of flat ribbon wire twisted, which gives it a finished and attractive appearance. The frame is made of channel iron with a bottom bar, which is fastened to counter with screws. It is usually finished in dead black or antique copper.

Dead Black Finish.	Antique Copper Finish.
24 inches high.....per square foot, \$1.30	No. 1½ Cash Hole, with hardwood shelf.....\$3.00
30 inches high.....per square foot, 1.25	No. 1½ Cash Hole, without shelf.....2.00
36 inches high.....per square foot, 1.45	Plackets on top not included in height.....4.20
42 inches high.....per square foot, 1.15	Arch, with lettering (over No. 6¾ wicket) extra per lineal foot.....3.00
	Brass wicket stationary 18x24 inches.....20.00
	Any other style can be substituted.

SEND DIAGRAM AND GET ESTIMATE. Refer to page 24 for Directions How to Order Wire Railings.
Highest Award Received at World's Fair on Bank and Office Railing.



No. 800-BANK OR OFFICE PARTITION RAILING.

This is a new system, highly ornate and decorative. The Bank and Office Partition Railing is made of flat steel strips 1 to 1½ inches wide, interwoven forming small meshes as shown. The upper half is composed of flat steel strips 4 inch wide, interwoven. The whole is finished in Dead Black, Antique Copper or Oil Finish. Electro Bronze Finish.

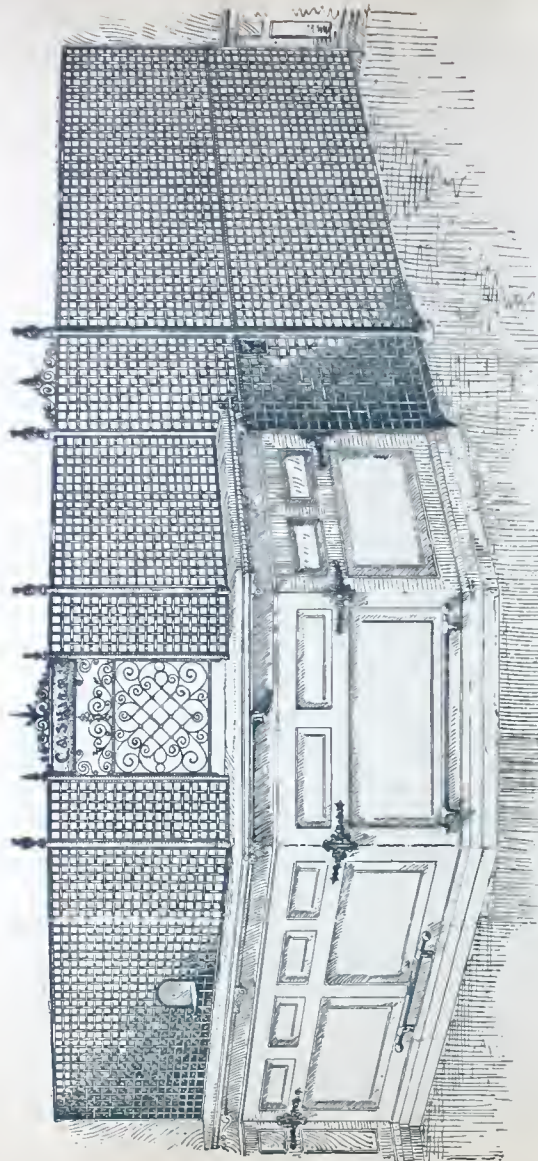
Price, not less than 5 feet high, per square foot.	EXTRAS.
Extra work on door, including ornaments, safety night lock, hinges, etc.....\$6.00	
Arch, over door, extra, net.....3.75	
Plackets on top not included in height, per lineal foot, net.....45	

No. 80-BANK OR OFFICE COUNTER RAILING.

This is a new system, highly ornate and decorative. The Bank and Office Counter Railing is made of flat steel strips 1 to 1½ inches wide, interwoven forming small meshes as shown. The upper half is composed of flat steel strips 4 inch wide, interwoven. The whole is finished in Dead Black, Antique Copper or Oil Finish. Electro Bronze Finish.

Price, not less than 5 feet high, per square foot.	EXTRAS.
Extra work on door, including ornaments, safety night lock, hinges, etc.....\$6.00	
Arch, over door, extra, net.....3.75	
Plackets on top not included in height, per lineal foot, net.....45	

OFFICES DESIRING NEW FIXTURES WILL PLEASE CORRESPOND WITH US. WE MAKE THE BEST WORK IN THE COUNTRY AND OUR NET PRICES ARE LOW.

**No. 47-B-BANK OR OFFICE COUNTER RAILING.**

This is a new design, highly ornamental and artistic, suitable for bar banks and counters. Lower half is made of flat steel strips 1 to 1½ inches wide, interwoven, 5 to 6 inch wide, quarter twisted at intersection and having along scroll border. The whole is framed with channel steel.

Price net less than 5 feet high, per square foot, \$1.25

EXTRAS.

No. 14 angled, including name and scroll ornamentation, \$20.00
Cash holes or openings, each extra, 2.00
Channel loads at windows and corners, each extra, 6.00

SEND DIAGRAM WHEN WRITING FOR PRICES. (SEE PAGE 24). COUNTERS ARE USUALLY CONSTRUCTED OF OAK AND FINELY FINISHED. BANKS AND OFFICES DESIRING NEW FIXTURES WILL PLEASE CORRESPOND WITH US. WE MAKE THE BEST WORK IN THE COUNTRY AND OUR NET PRICES ARE LOW.

No. 470-BANK OR OFFICE PARTITION RAILING.

Made similar to No. 47-B bank railing, 2 inch mesh ¾ flat steel frame, with 1 inch mesh ¾ flat steel frame, made of flat, crimped steel, about 1/8 inch wide, 1½ inch mesh, with flat steel frames. Can be made to fit any angle or curve.

Price, not less than 4½ feet high, per square foot, \$0.90

EXTRAS.

Extra work on door, including safety night lock, hinges, etc. \$5.00

Extra work on door, including safety night lock, hinges, etc. \$5.00

Partitions are usually constructed of oak and finely finished. Banks and offices desiring new fixtures will please correspond with us. We make the best work in the country and our net prices are low.

**No. 810-BANK OR OFFICE PARTITION RAILING.**

This is a new design, highly ornamental and artistic, suitable for bar banks and counters. Lower half is made of flat steel strips 1 to 1½ inches wide, interwoven, 5 to 6 inch wide, quarter twisted at intersection and having along scroll border. The whole is framed with channel steel.

Price net less than 5 feet high, per square foot, \$1.25

EXTRAS.

Extra work on door, including safety night lock, hinges, etc. \$5.00
Extra work on door, including safety night lock, hinges, etc. \$5.00
Name plate and scroll ornamentation, extra, 3.00
Partitions on top, per lined foot, net, 3.50

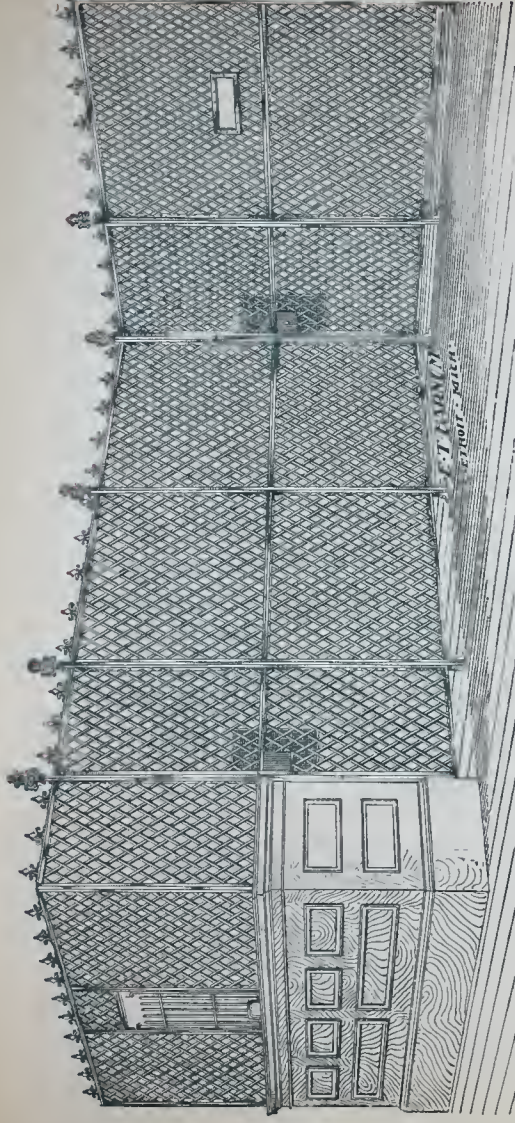
No. 81-BANK OR OFFICE COUNTER RAILING.

This is a very neat, attractive counter railing, made of flat, crimped steel, about 1/8 inch wide, 1½ inch mesh, with flat steel frames. Can be made to fit any angle or curve.

Price, not less than 4½ feet high, per square foot, \$1.25

EXTRAS.

Polished brass wheel of double side work, \$27.50
Name plate and scroll ornamentation, extra, 3.00
Partitions on top, per lined foot, net, 3.50



No. 133-PARTITION RAILING.

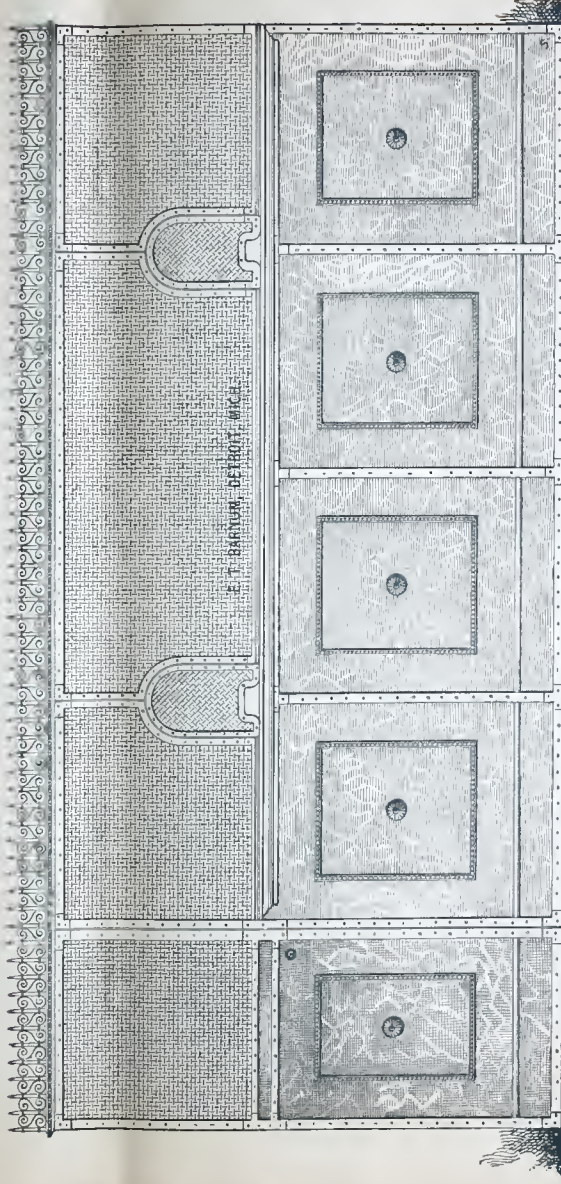
FOR DIVIDING STORES AND DEPARTMENTS IN LARGE OFFICES AND PUBLIC BUILDINGS.

This style of Railing or Partition is made of heavy, crimped and finished wire, and is made in any shape to fit angles, curves and projections, and is very easily put up. Cash Holes with baskets or shelves can be put in if desired. Coaling extra. Generally painted black and relieved with gold bronze.

Any height, not less than 4 ft. 6 in. Sack-tight lock, hinges and extra work on door, lock guard.....\$5.00

For price of counter railing see No. 5 style, page 23. Cash Holes and wood shelves extra.....4.50

All work can be constructed either in steel or brass, showing the different finishes: polished brass, antique brass, antique copper, Japanese bronze, oxidized silver, bright silver, nickel oxidized, and nickel, dark or light. We also call your attention to our new process of galvanizing, which makes a very neat and durable finish.



No. 73-BULLET PROOF STEEL COUNTER AND SCREEN.

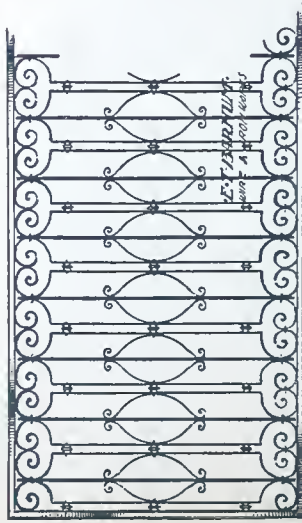
This counter and counter screen is designed to meet a demand of bankers and business firms exposed to daylight "hold-ups" and robberies. The counter front is made of bullet proof steel, and the screen is made of very heavy steel wire, with openings about 6-10 in. square, which will prevent a bullet of large caliber from going through.

Parties interested will please send us particulars and rough sketch showing shape, length and full particulars of what is wanted, and we will furnish samples and estimates. The counter makes an attractive railing giving plenty of light and ventilation, and above all a safe protection to your money and property against robbers and desperadoes.

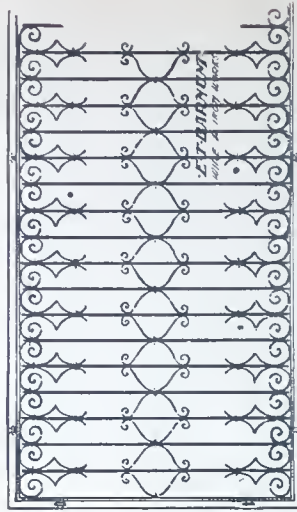
THE COUNTER SCREEN CAN ALSO BE USED IN CONNECTION WITH WOODEN COUNTERS IF PREFERRED.

From First National Bank, Rock Springs, Wyo.
March 20th, 1899.
MR. E. T. BARNUM, DETROIT, MICH.
Dear Sir:—I take pleasure in stating that the Bullet Proof Bank Counter Railing which we did not hitherto enjoy. We feel satisfied it would be a great asset to our bank, and we expect of it if we were ever placed in your hands.
Yours truly,
A. KENDALL, Cashier.

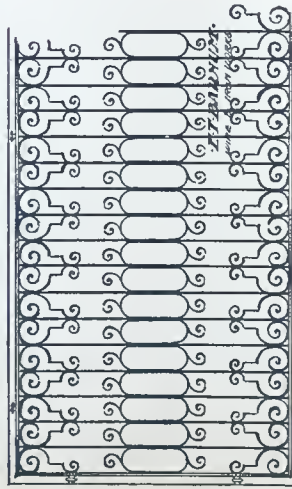
From the Rock Springs National Bank, Rock Springs, Wyo.
March 20th, 1899.
MR. E. T. BARNUM, DETROIT, MICH.
Dear Sir:—Regarding the Bullet Proof Railing furnished us will say that it has never been tested. We are well pleased with the work and are entirely satisfied. It is a great asset to our bank, and we expect of it if we were ever placed in your hands. Respectfully,
ROCK SPRINGS NATIONAL BANK.



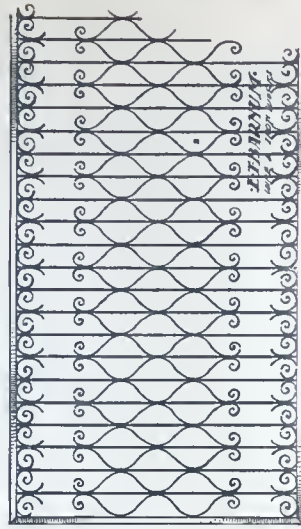
No. 110-METAL GRILLE.



No. 111-METAL GRILLE.



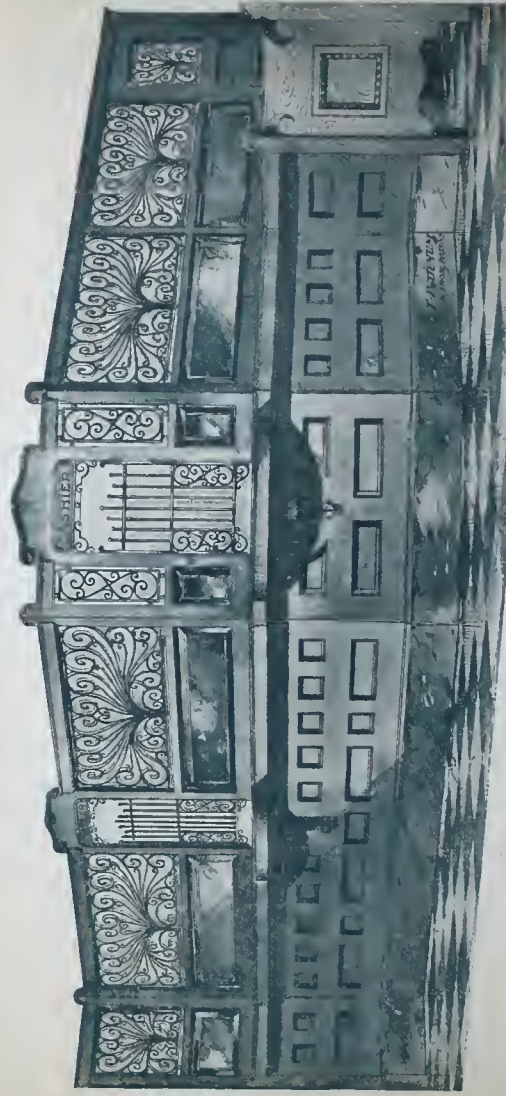
No. 112-METAL GRILLE.



No. 114-METAL GRILLE.

The above panels are illustrated here so as to admit of a larger selection of catalogue designs of the better grade of bank railing outfit. Any of these grilles can be substituted for the metal work shown in the designs on pages 30-37 & 39. The cost will necessarily vary and we refrain from printing a list price, as we cannot, in justice to our customers and to ourselves, indicate a cost without a definite knowledge of sizes, shapes and quantity of panels.

If any of our outfits show a design of grille that is not pleasing to you, we will willingly quote on any other design shown on this or other pages. The above effects of perpendicular rod work are the present most popular construction.



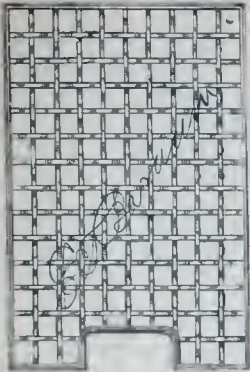
No. 71-BANK FIXTURE.

Above illustration shows next bank outfit. Woodwork can be executed in quartered oak, golden oak, cherry or birch. Metal work finished in antique copper, alabaster bronze, steel blue or dead black finish. Marble or wood can be used in the interior of the bank fixture. Particulars in this work will please send special order. We estimate each job separate, and full particulars will enable us to figure close. If convenient state approximately the amount you desire to invest, as it will aid us in suggesting styles.

TELLERS' WICKETS.

FOR BANKS, TICKET OFFICES, POSTOFFICE WINDOWS AND PUBLIC OFFICES, MADE TO FIT ANY SIZE OPENING.

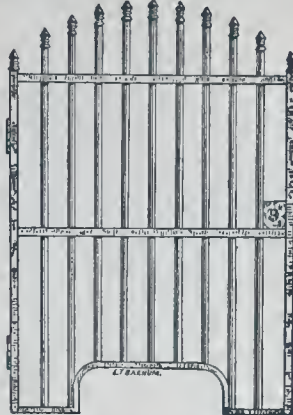
Wickets, by their attractiveness, durability and utility, are becoming more popular each year. They afford a sure protection to money and valuables. We make a specialty of Wickets, Grilles, etc., and can furnish them from special designs at reasonable prices. Write for estimates. These Wickets can be used in connection with Glass and Wood Railings, and show a handsome contrast with wood work. Any Wicket shown with Railings, on preceding pages, can be furnished separately.



No. 129-B-Wicket.

18 in. wide by 24 in. high...each, \$10.00
21 in. wide by 27 in. high...each, 11.00
24 in. wide by 30 in. high...each, 12.00

This wicket is made of flat metal, crimped and interwoven into square meshes. Hinges and lock \$2.00 extra.



No. 43 1/2-Wicket.

18 inches wide by 24 inches high...each, \$18.00
21 inches wide by 27 inches high...each, 20.00
24 inches wide by 30 inches high...each, 23.00

Any size made to order at a proportionate price.
If wanted with lock and hinges, add \$2.00 to the above prices.



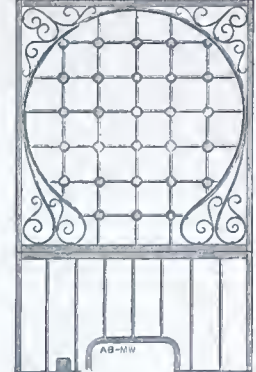
No. 130-Wicket.

18 in. wide by 24 in. high...each, \$12.00
21 in. wide by 27 in. high...each, 14.00
24 in. wide by 30 in. high...each, 16.00
Can be made with lock and hinges, costing \$3.00 extra.



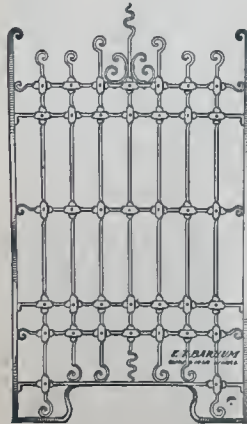
No. 146-Polished Brass Wicket.

A Very Fine and Modern Design.
18 in. wide by 24 in. high...each, \$22.50
21 in. wide by 27 in. high...each, 25.00
24 in. wide by 30 in. high...each, 27.50
Hinges and lock, \$3.00 extra.



No. 123 1/2-Wicket.

18 in. wide by 24 in. high...each, \$25.00
21 in. wide by 27 in. high...each, 27.50
24 in. wide by 30 in. high...each, 30.00
The lower half of this wicket is hinged and made to swing up, and is very convenient for receiving bulky packages, books, etc. Wickets made any special size wanted. Can be made stationary or to swing same as other wickets if preferred.



No. 145-Wicket.

18 inches wide by 24 inches high...each, \$18.00
21 inches wide by 27 inches high...each, 20.00
24 inches wide by 30 inches high...each, 23.00

Any size made to order at a proportionate price. If wanted with lock and hinges, add \$2.00 to the above price.



No. 143-Wicket.

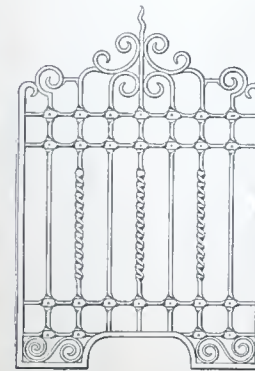
18 in. wide by 24 in. high...each, \$22.50
21 in. wide by 27 in. high...each, 25.00
24 in. wide by 30 in. high...each, 27.50
Can be made with lock and hinges, costing \$3.00 extra.



AB-MW

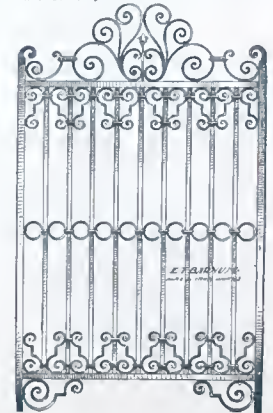
No. 42-B-Polished Brass Wicket.

18 in. wide by 24 in. high...each, \$27.50
21 in. wide by 27 in. high...each, 30.00
24 in. wide by 30 in. high...each, 32.50
Lock and Hinges, \$3.00 extra.



No. 144-Wicket.

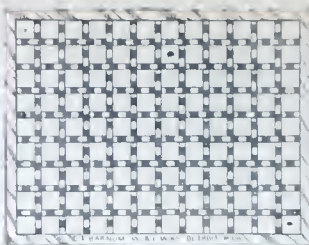
18 in. wide by 24 in. high...each, \$25.00
21 in. wide by 27 in. high...each, 27.50
24 in. wide by 30 in. high...each, 30.00
Lock and Hinges, \$3.00 extra.



No. 138-Wicket.

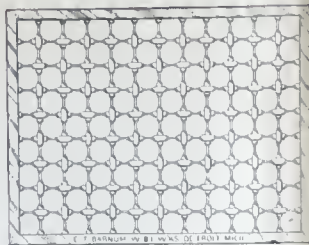
Price, suitable for opening 18 in. wide by 27 in. high, including name, etc., as shown...\$32.50
Larger sizes in proportion.
Lock and Hinges, \$3.00 extra.

All wickets can be made with lock and hinges if so desired, costing \$2.00 to \$3.00 extra. Cash opening can be changed to any other shape. Can be constructed of steel or brass showing the different finishes; in polished brass, antique copper, Japanese bronze, oxidized silver, bright silver, nickel, oxidized nickel, dead black, steel blue, imitation Bower-Barff, genuine Bower-Barff, old brass, duplex copper. We also call your attention to our new process of statutory bronze, which makes a very neat and durable finish. When ordering please state what finish is desired.



No. 112-Metal Panel, Flat Wire.

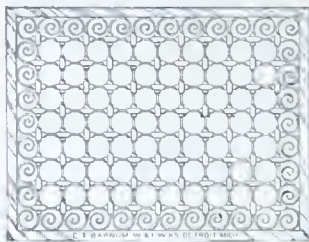
- 1 in. mesh, 5-16 in. flat rolled steel, per sq. ft. \$1.00
 1 1/4 in. mesh, 5/8 in. flat rolled steel, per sq. ft. 1.00
 1 1/2 in. mesh, 5-16 in. flat rolled steel, per sq. ft. 1.00
 1 3/4 in. mesh, 5-16 in. flat rolled steel, per sq. ft. 1.00
 No panels charged less than 5 square feet.



No. 113-Metal Panel, Flat Wire Twisted.

- 1 1/2 in. mesh, 5-16 in. flat rolled steel, per sq. ft. \$1.40
 1 3/4 in. mesh, 5-16 in. flat rolled steel, per sq. ft. 1.30
 No panels charged less than 5 square feet.

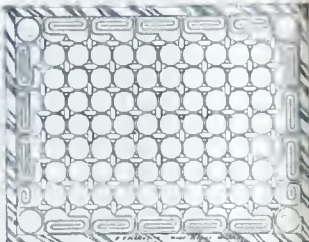
Prices named are for Antique Copper Finish; Dead Black Finish Lists 10c to 20c per square foot less.



No. 114-Metal Panel, Flat Wire Twisted.

With Scroll Border.

- 1 1/2 in. mesh, 5-16 in. flat rolled steel, per sq. ft. \$1.65
 1 3/4 in. mesh, 5-16 in. flat rolled steel, per sq. ft. 1.75



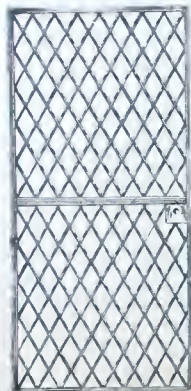
No. 115-Metal Panel, Flat Wire Twisted.

With Scroll Border.

- 1 1/2 in. mesh, 5-16 in. flat rolled steel, per sq. ft. \$1.85
 1 3/4 in. mesh, 5-16 in. flat rolled steel, per sq. ft. 1.85

Panels containing less than 5 square feet will be figured as 5 square feet.

The glass in old counters can be removed and the above substituted, permitting better ventilation and better protection.

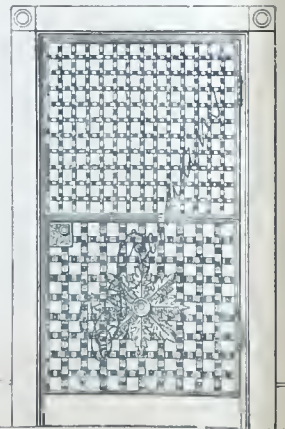


No. 136 1/2-Heavy Wire Door.

- Any height not less than 4 1/2 feet, per square foot, \$0.75
 Trimmings for door, with lock, 6.00
 Pickets on top of door, per lineal foot, 1.00
 Rosettes in center, per foot, .25

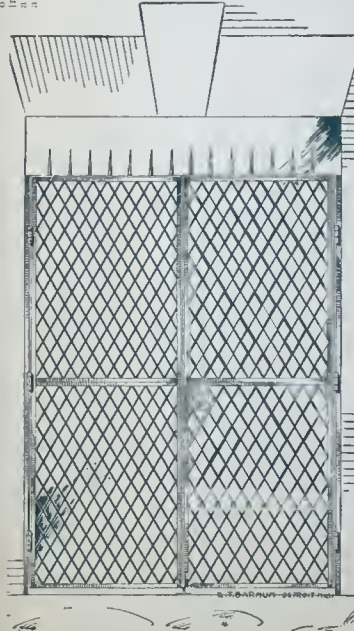
ORNAMENTAL WIRE DOORS FOR OFFICES AND STORES.

These doors are made any size to attach to ordinary door casing and provided with hinges and lock. They afford excellent protection, at the same time admitting free circulation of air in summer and heat in winter. Can be made of brass or any other metal. These doors are usually finished in dead black, but can be made of polished brass or any other metal. They are strong and durable. They are made of wire mesh, and are suitable for use in offices and stores. They are made of wire mesh, and are suitable for use in offices and stores. They are made of wire mesh, and are suitable for use in offices and stores.



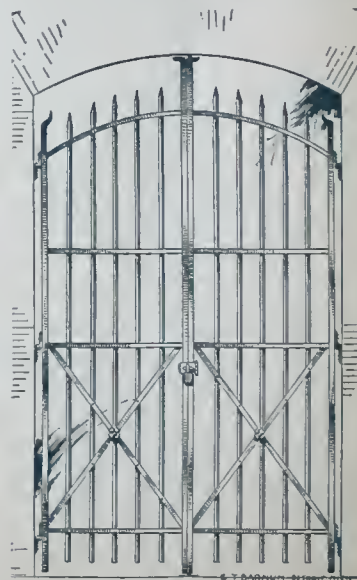
No. 137 1/2-Heavy Ornamental Door.

- Made of flat steel crimped and woven with ornamental rosette in lower half.
 Price per square foot (dead black finish) \$1.75
 Lock and butt hinges, extra, 6.00



No. 139-Heavy Steel Wire Door.

- Price per square foot, \$1.50
 Sharp spikes on top, per foot, net, .50
 Extra work on hinges, hanging bars, locks, etc., 6.00
 net.
 For Banks and Store Doors. Keep out Burglars.
 Can be made single or double.



No. 140 1/2-Steel Picket Door.

- Price per square foot, made with 1/2 in. round uprights, \$1.00
 Extra work on doors, hinges, bolts, Yale padlock, hasp, etc., 6.00
 These doors are suitable to guard back entrances of stores, banks, offices, etc., to prevent burglars from gaining access.

All work can be constructed in steel or brass, showing the different finishes: polished brass, antique brass, antique copper, Japanese bronze, oxidized silver, bright silver, nickel, oxidized nickel, dead black, steel-blue, etc. Also call your attention to our new process of stately bronze, which makes a very neat and durable finish.



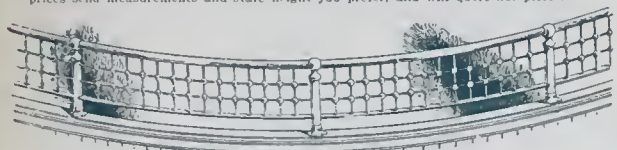
No. 131-TRANSOM GRILLE, WITH NAME.

Intended to be placed in transoms or archways over entrances to stores, banks or offices. Made any shape or size. Lettering is generally gilded with gold leaf and grille work finished black. Send memo. of size when writing for price.



No. 3-B-BRASS OFFICE RAIL, WITH GATE.

POLISHED AND LACQUERED—USUALLY MADE FROM 30 TO 36 IN. HIGH.
 Price, rails $\frac{1}{2}$ inches diameter, per foot..... \$1.05
 Posts, extra, each..... 5.00
 Small scrolls, extra, each..... 1.50
 Extra work on gates and scroll work, hinges, and lock..... 8.00
 These rails can be electro-plated any finish desired, such as Antique Brass or Copper, Japanese Bronze, Nickel Plated, Electro Bronze, etc. When writing for prices send measurements and state height you prefer, and will quote net prices.

No. 2-POLISHED BRASS BALL PATTERN RAILING.
MADE CURVED OR STRAIGHT—12 INCHES HIGH.

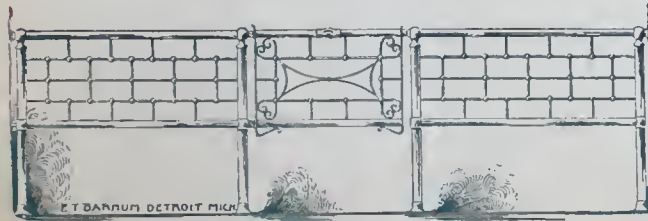
This style Rail is a very popular one for PARQUET, Gallery, Balconies, Private Boxes in theatres, etc.
 Per lineal foot..... \$5.00 | Standards for same..... each, \$3.50



No. 1-POLISHED BRASS BOX AND GALLERY RAIL.

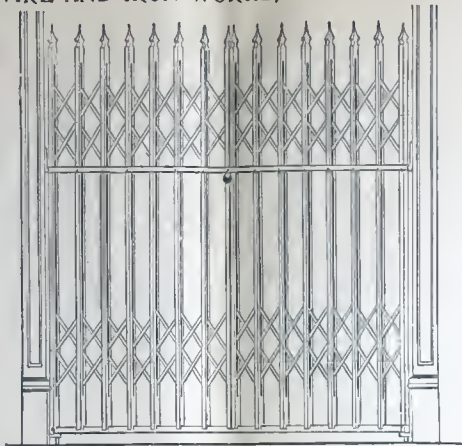
MADE CURVED OR STRAIGHT—USUALLY MADE 9 INCHES HIGH
 $\frac{1}{4}$ inch diameter..... per foot, \$1.00 | Standards for same..... each, \$3.00
 Curved sections cost extra

SEND PLAN FOR NET PRICES.



No. 4-BRASS OFFICE RAILING.

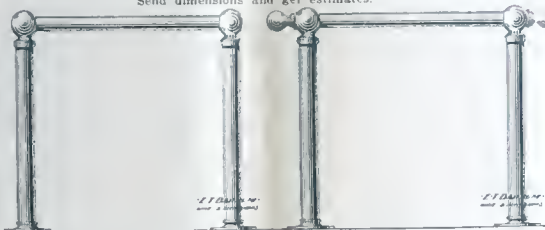
Send sketch showing length you desire, and we will quote net price.
 Any finish desired can be applied—Antique Copper, Antique Brass, etc.
 Can be made without the center filling, costing less.



No. 66-FOLDING VESTIBULE GATE.

EXTENDED ACROSS OPENING AND LOCKED.

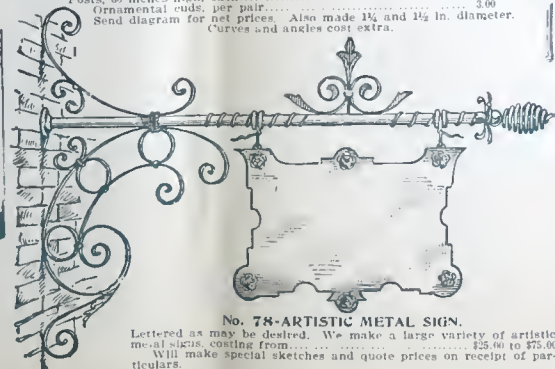
All of the Folding Gates can be made in Steel, Brass or Bronze.
 Architects should specify these for new buildings.
 Send dimensions and get estimates.



No. 10-BRASS GUARD RAILING. No. 11-BRASS GUARD RAILING.

FOR BANKS, THEATER LOBBIES, POSTOFFICES, ETC.

Usually made of 2 inch diameter brass tubing. Can be finished in any of the modern finishes, such as antique copper, old brass, nickel, etc.
 Rail, 2 inch diameter, polished brass, per running foot..... \$1.50
 Posts, 36 inches high, each..... 10.00
 Ornamental ends, per pair..... 3.00
 Send diagram for net prices. Also made $\frac{1}{4}$ and $\frac{1}{2}$ in. diameter.
 Curves and angles cost extra.



No. 78-ARTISTIC METAL SIGN.

Lettered as may be desired. We make a large variety of artistic metal signs, costing from..... \$25.00 to \$75.00
 Will make special sketches and quote prices on receipt of particulars.



No. 78-WROUGHT STEEL FOLDING GATE.

This is the only Folding Gate and Guard manufactured in the world that combines a series of upright steel bars or pickets, working level top and bottom when expanded or folded away.
 A Gate 10 feet in width can be folded in the space of fifteen inches and turned aside out of the way, and may be operated as easily as any ordinary swing Gate.



No. 7-Polished Brass Hand Rail.

FOR STAIRWAYS.

Rail, $\frac{1}{2}$ inch diameter..... per foot, \$1.50
 Rail, 2 inch diameter..... per foot, 1.50
 Brass brackets..... each, 2.00
 Rail ends..... each, 1.25

Curves and angles cost extra.
 Can also be made in steel finished in dead black finish, costing less. Send diagram for prices.

All work can be constructed either in steel or brass, showing the different finishes; polished brass, antique brass, antique copper, Japanese bronze, oxidized silver, bright silver, nickel, oxidized nickel, dead black, steel blue, Imitation Bower-Barff, genuine Bower-Barff, old brass, duplex copper. We also call your attention to our new process of statuary bronze, which makes a very neat and durable finish.



	without knots.	with knots.
24 inches high, as illustrated	\$1.20	\$1.30
30 inches high, as illustrated	1.40	1.50
36 inches high, as illustrated	1.60	1.70

Gate as illustrated, \$3.00 extra. The crimped diamond work is about 3 inch, made of about 3-16 steel wire and secured in heavy channel iron rails at top and bottom. Neatly painted and finished.

Height of Rail. In order that it may conform to the standard of lower frame, the actual height of the railing 20 in. high, raised 4 in. from floor, would be 24 in. high, and if pickets are ordered the height would be still further increased by height of picket.



2 1/4 in. mesh, No. 10, wire, 25 in. high, wire work only.
2 1/2 in. mesh, No. 10, wire, 25 in. high, wire work only.
3 in. mesh, No. 10, wire, 24 in. high, wire work only.
3 in. mesh, No. 10, wire, 24 in. high, wire work only.

For a cheap continuous railing in long lengths there is nothing better than the above. It is especially desirable for decks of boats. When used on the lower part of the hull, it is made of the wood beam and top rail of the boat, and at intervals to the wood on the hull. The frame work is provided, we can, if desired, furnish from posts or stanchions, of any length, according to the place for which it is intended. The rails are of any length.

A black and white photograph of a large, ornate wooden door with a transom window above it. The door features four rectangular panels and decorative carvings. The transom window has a sign that reads "LE BARONNET" and "1890".

OPEN VIEW

OPENING IN WALL, to take in this vault front should be 82 inches high, 34 inches wide, and back wall 20 inches wide.

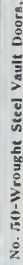
CLEAR OPENING IN DOORWAY, vault width 20 inches, height 76 inches, 1/2 inch thick. The door will be placed in position; is 7% inches high and 30 inches wide.

OUTSIDE DOOR swings on three heavy hinges and fitted with four working forward and backward, low up and two down through a heavy wrought iron angle frame, which is securely riveted (not screwed) all around the door plate.

INSIDE DOORS, made of steel, thicker than in ordinary vault fronts, strongly constructed and paneled with up and down bolts; best flat key lock, with duplicate keys.

Name lettered over door free of charge. Fancy slide columns, very heavy, with ornamental top to match.

APPROXIMATE WEIGHT, 1,000 POUNDS. PRICE \$140.00.



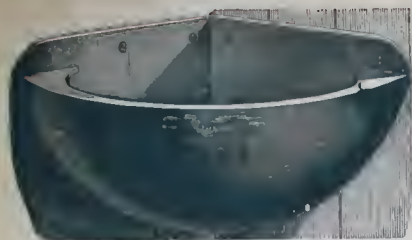
Approximate • weight, 600 pounds. Price, \$90.00.

A photograph of a wooden door with a sign that reads "MERCHANDISE EXCHANGE" and a small sign above the door handle that reads "STANDARD". The door is set in a wooden frame. The sign above the handle is a small, rectangular, light-colored sign with the word "STANDARD" in dark letters. The door itself has a large, rectangular glass pane in the upper half, and a smaller, rectangular glass pane in the lower half. The sign "MERCHANDISE EXCHANGE" is mounted on the left side of the door frame. The door is set in a wooden frame. The sign above the handle is a small, rectangular, light-colored sign with the word "STANDARD" in dark letters. The door itself has a large, rectangular glass pane in the upper half, and a smaller, rectangular glass pane in the lower half. The sign "MERCHANDISE EXCHANGE" is mounted on the left side of the door frame.

No. 50-WROUGHT STEEL VAULT DOORS.

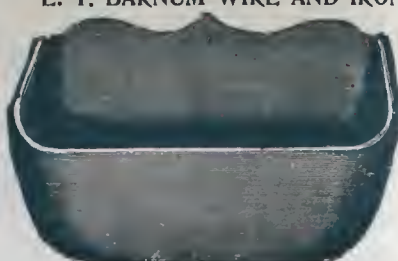
(OPEN VIEW.)
Door should be 76 inches high, 32 inches wide,
and 28 inches deep. It is placed in position, is 72 inches high and 28
inches wide, and fitted with our best four tumbler
locks, and fitted forward and backward through a wrought
iron plate, secured all the way up to door plate.
Name lettered with up and down bolts and fitted with
Name lettered over door free of charge.
\$30.00.

description, and shall be pleased to figure on catalogue of other designs.



Corner Oat Manger, with Food Flange.

No. 11½, Japannedeach, \$2.00
No. 11½, galvanizedeach, 3.50
Has food guard or flange on top to prevent the horses wasting the contents.



SQUARE OAT MANGER.

No. 52, size 24 in. long x 14 in. wide, 11 in. deep, each\$3.20
No. 52½, size 18 in. long x 12 in. wide, 11 in. deep, each2.75
Price, No. 52, galvanized4.75
Price, No. 52½, galvanized4.00
With Flange, or food guard, Japanned; adapted for Cut Feed and Oats. To fasten against wall.



Improved Corner Oat Manger with Food Flange.

No. 10½, Japannedeach, \$2.50
No. 10½, galvanizedeach, 4.00
Has a heavy rounded Food Guard in front to prevent horses wasting the contents.



No. 15-CORNER OAT MANGER.

Fire Department Size.
Size, 14x14x10 inches deep—Japanned, \$3.50. Galvanized, \$5.00.
This is a flat bottom Manger, extra heavy, used by the Detroit Fire Department.



No. 16-"PERFECTION" FEED BOX.

Price, Japannedeach, \$3.00
Price, galvanizedeach, 4.75

Highest World's Fair Award.

WHAT IS CLAIMED.

FIRST—It obliges the animal to eat its feed slowly, because it has to work to get its feed. While doing this it is masticating what it already has in its mouth, consequently no food goes to its stomach not properly masticated. It therefore produces better results with less feed.
SECOND—The animal cannot blow through it and waste feed.
THIRD—Being of metal, it will not sour, and admits of feeding any kind of food.
FOURTH—With all of these advantages it costs little more than any other metal box.



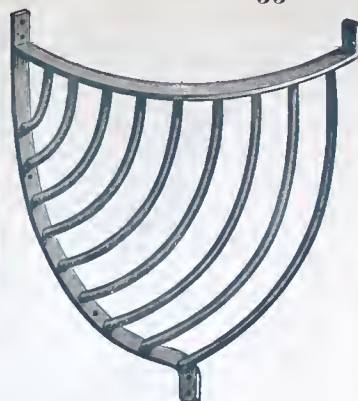
No. 12½-SQUARE OAT MANGER.

With Food Flange all around, Japanned.
Size, 19 in. long by 14 in. wide, 10 in. deep, each, \$2.50
Convenient to use in connection with a wood manger.



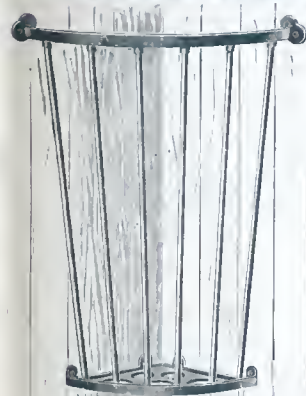
No. 80-WROUGHT IRON HAY RACK.

For center of stall.....each, \$5.00



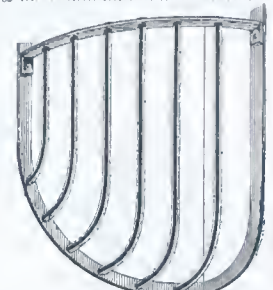
WROUGHT STEEL CORNER HAY RACK.

No. 82each, \$2.25



No. 86-IRON CORNER HAY RACK.

Priceeach, \$3.00
Has cast top with Rabbet to receive Boards for Hay Chute. Has perforated cast bottoms to allow dust to fall through. Upright rods are of ½-inch steel. Is shipped knock down making freight charges less.



Improved Wrought Steel Corner Hay Rack.

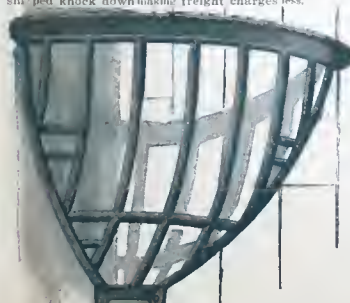
REGULAR SIZE.

No. 84each, \$3.50

No. 85-B-CORNER HAY RACK.

(Extended for Hay Chute.)

Price, 5 feet 6 inches high.....each, \$9.00



Extra Heavy Cast Iron Corner Hay Rack.

No. 16½, for the corner of a stall.....each, \$2.75



CAST IRON CORNER HAY RACK.

No. 15½, for the corner of a stall.....each, \$2.25

STABLE FITTINGS.



No. 31 1/2-CARRIAGE WASH OR CESSPOOL.
Size, about 16 inches square. each, \$1.50
This Cesspool has a movable grating sufficiently strong for a horse to step on without breaking.



No. 32 1/2-BELL TRAP CESSPOOL.
Made to connect with No. 12 1/2 open gutter, japanned \$3.50



No. 28 1/2-BELL TRAP CESSPOOL.

Size, 12 x 12 inches, japanned each \$2.75
Size, 8 x 8 inches, japanned each 1.75
Size, 6 x 6 inches, japanned each 1.00
Size, 4 1/2 x 4 1/2 inches, japanned each, 0.75

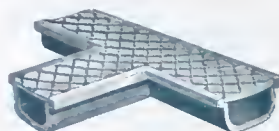


No. 300-B-BELL TRAP CESSPOOL.

For a Gutter Drain each, \$4.00
Made to connect with No. 30-B Stall Gutter. This Cesspool, in connection with Improved Gutter, affords perfect drainage, and keeps a stable pure and healthy. Outlets can be made on any side.

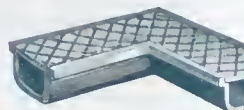


No. 7 1/2-POLE BRACKET.
Japanned per pair, \$1.75



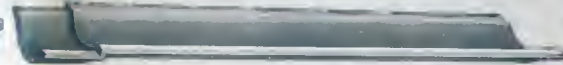
T ANGLE CONNECTION.

Making T angle.
\$1.25 extra per lineal foot. (See No. 209-B Gutter.)



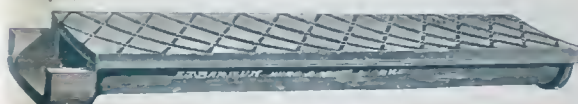
L ANGLE CONNECTION.

Making L angle.
\$1.00 extra per lineal foot. (See No. 209-B Gutter.)



No. 120-B-OPEN STALL GUTTER.

7 1/2 inches wide, japanned, without cover per foot, 75c
This Gutter is made in sections 5 feet long and to connect with No. 32 1/2 Cesspool.



No. 209-B-IMPROVED CAST IRON STALL GUTTER.

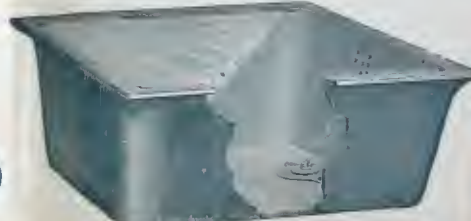
Any length, about 7 inches wide per foot, 85c
Any length, about 5 inches wide per foot, 75c
Made to connect with No. 30-B Cesspool.

THIS GUTTER CAN BE GRADED IF DESIRED, COSTING EXTRA, but the usual way is to cut out floor and set it in so it will slope slightly.



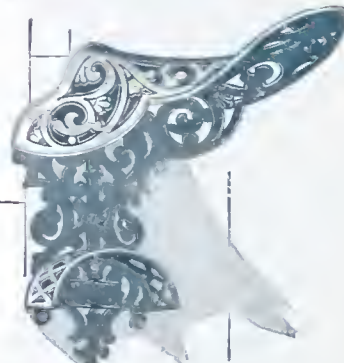
No. 121-STALL GUTTER WITH COVER.

Any length, 5 inches wide per foot, 75c
With No. 30-B Cesspool. (See price of Cesspool above.) Sections are about 5 feet long



No. 1 1/2-C-WATER TROUGH.

20 inches long, 16 inches wide, 12 inches deep \$6.75
24 inches long, 18 inches wide, 12 inches deep 8.25
30 inches long, 20 inches wide, 12 inches deep 11.50
36 inches long, 20 inches wide, 12 inches deep 13.25
48 inches long, 20 inches wide, 17 inches deep 23.50
With Patent Overflow, Plug Strainer and Chain Extra.
These water troughs are very convenient and should be placed in every barn.



No. 102 1/2-SADDLE AND BRIDLE BRACKET.
Japanned each, \$3.00



No. 11 1/2-SADDLE AND BRIDLE BRACKET.

Japanned each, \$1.50



No. 17 1/2-HARNESS HOOK.

6 inches long, japanned per doz., \$1.50
8 inches long, japanned per doz., 1.75
10 inches long, japanned per doz., 2.00



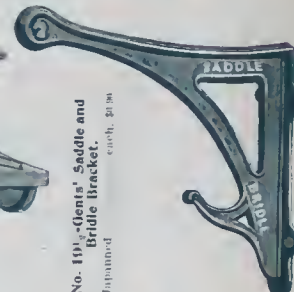
No. 77 1/2-Oiling and Washing Bracket.

Japanned each, 50c



No. 46 1/2-Mitching Ring.

LION'S HEAD
Each \$0.40



No. 19 1/2-Genie's Saddle and Bridle bracket.
Japanned each, \$2.00



No. 78 1/2-Lantern Bracket.

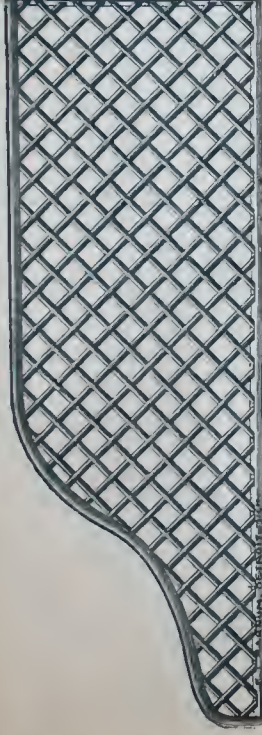
Japanned each, 40c



No. 29 1/2-Blanket Bracket.

FOR THREE ROLLERS.
Price, per pair \$3.00
Wood Rollers, extra for the 3, 1.00

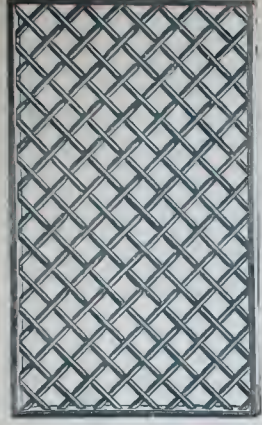
FITTINGS FOR STABLES.



No. 10-HEAVY WIRE STALL GUARD, WITH CHANNEL STEEL FRAME.

6 1/2 feet long, 25 inches high, painted.....each, \$6.00
 7 feet long, 25 inches high, painted.....each, \$7.00
 7 1/2 feet long, 25 inches high, painted.....each, \$8.00
 Box Stall work to match.....per square foot, 8c.

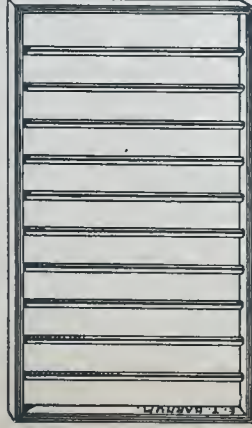
Being made of heavy steel wire with wrought steel frame, they are more durable than cast iron and not liable to be broken and injure the horses.
 The Box Stall Work is usually made the same style of work and height as the Stall Partitions, with or without food doors, as may be required. Special prices quoted on application.



No. 11-BOX STALL WIRE WORK.

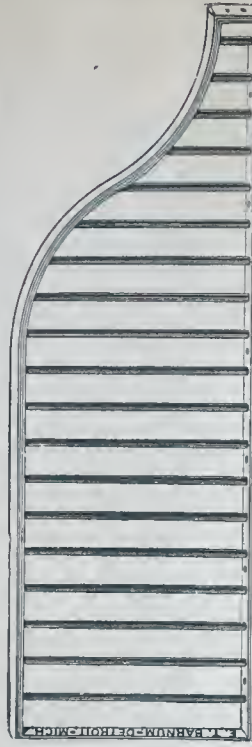
To match No. 10 Stall Guard.....85c.
 No guard figured less than 6 square feet.
 The Box Stall Work is usually made the same style of work and height as the Stall Partitions, with or without food doors, as may be required. Special prices quoted on application.

Send memorandum of sizes for special prices.
 They are usually made the same height as STALL PARTITION.
 We can make a lighter box Stall Guard with round steel frame 100 1/2c per square foot.



No. 12-BOX STALL ENCLOSURE.

To correspond with No. 4 Stall Guard.
 No guard figured less than 5 square feet.
 This style of enclosure is sometimes preferred to the mesh work. We prefer to quote net prices on all work in this line. Send us a memorandum of just what you want.



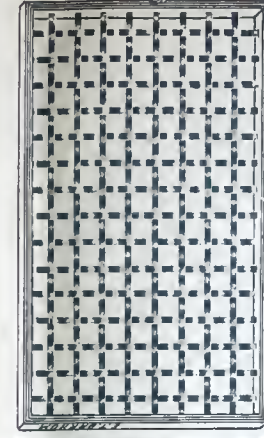
No. 4-B-WROUGHT STEEL STALL GUARD.

6 1/2 feet long, 25 inches high, painted.....each, \$5.00
 7 feet long, 25 inches high, painted.....each, \$6.00
 7 1/2 feet long, 25 inches high, painted.....each, \$7.00
 Box Stall Work to match, per square foot, 8c.



No. 12-FLAT STEEL WIRE STALL PARTITION, WITH CHANNEL FRAME.

6 1/2 feet long, 25 inches high, painted.....each, \$5.00
 7 feet long, 25 inches high, painted.....each, \$6.00
 7 1/2 feet long, 25 inches high, painted.....each, \$7.00
 Box Stall Work to match, per square foot, 8c.



No. 13-BOX STALL ENCLOSURE.

To correspond with No. 12 Stall Guard.
 Price per square foot.....55c.
 No guard figured less than 5 square feet.



No. 15-BOX STALL ENCLOSURE.

To correspond with No. 11 Stall Guard.
 Price per square foot.....85c.
 No guard figured less than 5 square feet.
 Send us a memorandum of just what you want.



No. 14-WROUGHT STEEL STALL GUARD.

With Center Rosettes and End Sleeves.
 6 1/2 feet long, 25 inches high, painted.....each, \$10.75
 7 feet long, 25 inches high, painted.....each, \$12.25
 7 1/2 feet long, 25 inches high, painted.....each, \$14.00
 Box Stall Work to match, per square foot, 8c.



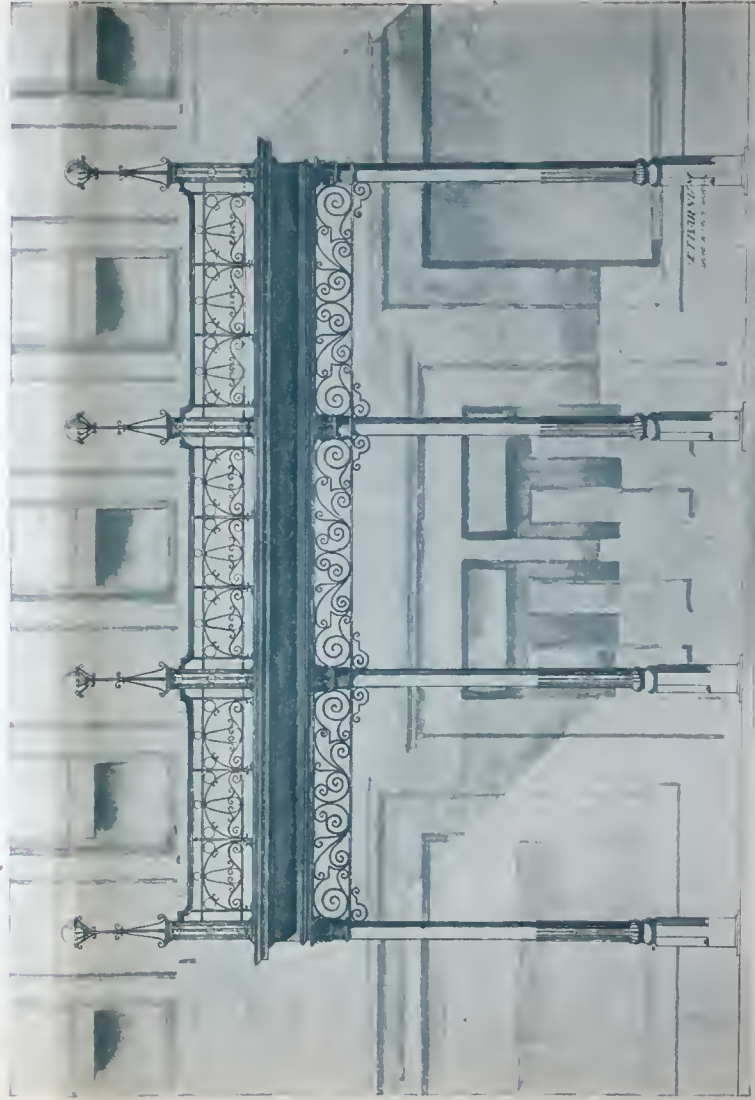
No. 3-COMBINED MANGER AND HAY RACK.

	Price complete as shown.
4 feet 6 inches to 5 feet long.....	\$20.00
5 feet 3 inch to 5 feet 6 inches long.....	22.00
5 feet 7 inches to 6 feet long.....	24.00

Our Hitching Posts are Painted and Relieved
with Bronze.

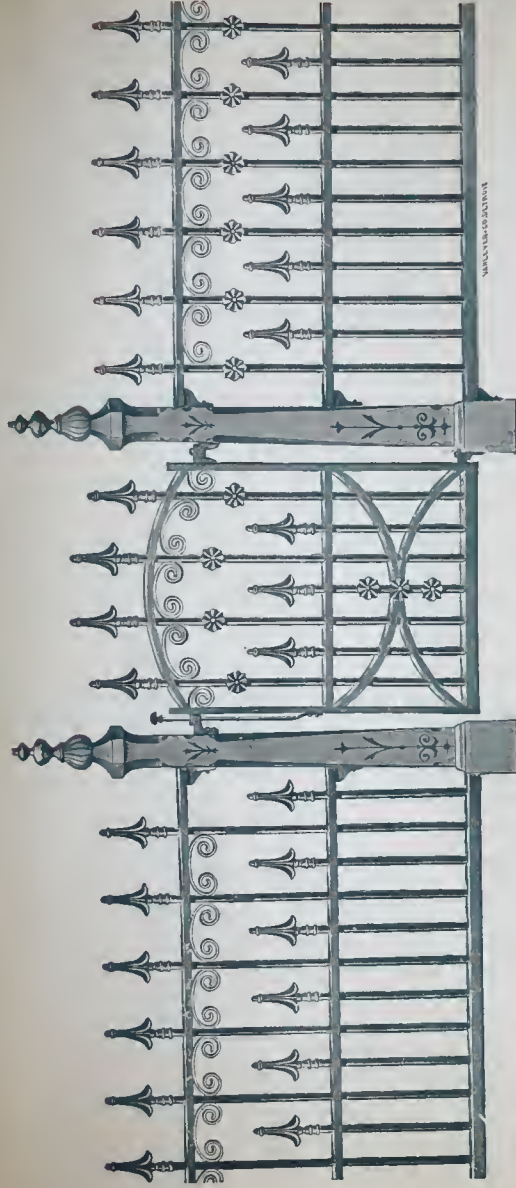


No. 24-
Wrought Iron
Hitching Post.
2 1/2 feet long to
5 feet long, 14 inch
dia. each, \$4.00
5 ft. long to 60
inches, 14 inch
dia. each, \$4.00

No. 3-C
Each \$5.75No. 7-D-
Hickory.
Each \$3.00No. 8-C-
Grape Vine.
Each \$5.75No. 5-C-Plain.
Each \$3.00

No. 66-IRON PORTICO.

With handsome, Ornamental Wrought Iron Railing and Iron Columns, and with or without ornamental colored glass ends, lettered. Especially intended for the main entrances to Hotels. It is a decided ornament to any building, is an excellent shelter during a storm, and the top can be used as a balcony for festal parades, etc. HOTELS ARE INCOMPLETE without this protection at the MAIN AND LADIES' ENTRANCES. In writing for estimates, please send diagram and measurements. Other designs will be submitted upon application. The design of iron columns used depends on size of portico. Specify NUMBER and name of goods wanted. PLEASE DO NOT TEAR OUT PAGES.



No. 244-F-WROUGHT IRON AND STEEL FENCE.

Copyrighted 1872, by E. T. Barnum.

No. 245-F-WROUGHT IRON AND STEEL FENCE.

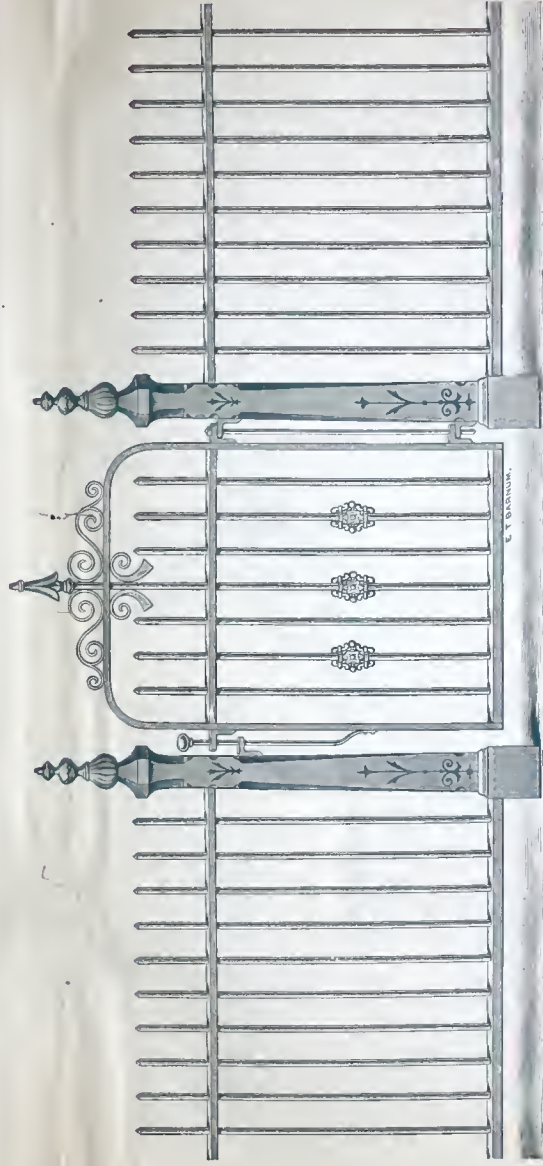
Pickets are Round Steel. Price includes line posts and foundations.

	$\frac{1}{8}$ in.	$\frac{3}{16}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	
26 inch pickets, 30 inches high when set, per lineal foot.....	\$1.00	1.25	1.50	1.75	\$4.00
30 inch pickets, 34 inches high when set, per lineal foot.....	1.05	1.35	1.60	1.85	5.00
36 inch pickets, 40 inches high when set, per lineal foot.....	1.15	1.45	1.70	1.95	6.50
42 inch pickets, 46 inches high when set, per lineal foot.....	1.25	1.55	1.80	2.05	8.00
48 inch pickets, 52 inches high when set, per lineal foot.....	1.35	1.65	1.90	2.15	9.00

Gates and large posts are charged extra, and are also measured in the fence.

No. 245-F—Add 10c per lineal foot to price of No. 244 F.

HIGHEST AWARD RECEIVED AT WORLD'S FAIR ON IRON AND WIRE FENCES.



No. 430-D-WROUGHT IRON AND STEEL FENCE.

Pickets are Round Steel. Price includes line posts and foundations.

	$\frac{1}{8}$ in.	$\frac{3}{16}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	
26 inch pickets, 30 inches high when set, per lineal foot.....	0.80	1.00	1.25	1.50	\$4.00
30 inch pickets, 34 inches high when set, per lineal foot.....	0.90	1.10	1.35	1.60	5.00
36 inch pickets, 40 inches high when set, per lineal foot.....	1.00	1.20	1.45	1.70	6.50
42 inch pickets, 46 inches high when set, per lineal foot.....	1.10	1.30	1.55	1.80	8.00
48 inch pickets, 52 inches high when set, per lineal foot.....	1.20	1.40	1.65	1.90	9.00

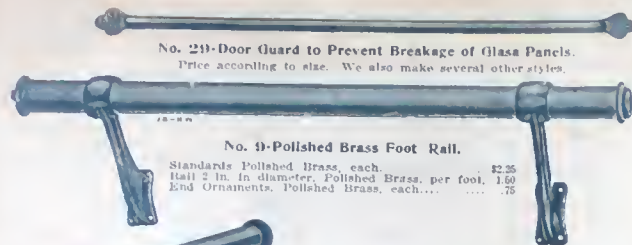
Gates and large Posts are charged extra, and are also measured in the fence.

This is one of the best and cheapest fences made. Gates similar to those shown with Nos. 213½, 244 and 441 Fences can be used with this fence, costing a trifle extra.

HIGHEST AWARD RECEIVED AT WORLD'S FAIR ON IRON AND WIRE FENCES.

Price of large posts for gates, corners and ends of fence, extra, each $\frac{5}{8}$ in.

$\frac{1}{2}$ in.	\$4.00
$\frac{5}{8}$ in.	5.00
$\frac{3}{4}$ in.	6.50
$\frac{7}{8}$ in.	8.00
1 in.	9.00

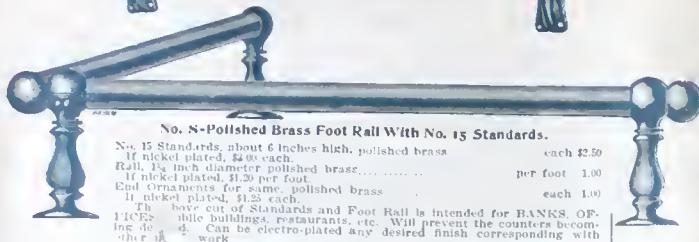


No. 24-Door Guard to Prevent Breakage of Glass Panels.

Price according to size. We also make several other styles.

No. 9-Polished Brass Foot Rail.

Standards Polished Brass, each. \$2.25
 Rail 2 in. in diameter, Polished Brass, per foot, 1.50
 End Ornaments, Polished Brass, each.... .75



No. 8-Polished Brass Foot Rail With No. 15 Standards.

No. 15 Standards, about 6 inches high, polished brass each \$2.50
 If nickel plated, \$2.00 each.
 Rail, 3/4 inch diameter polished brass, per foot 1.00
 If nickel plated, \$1.20 per foot.
 End Ornaments for same, polished brass each 1.00
 If nickel plated, \$1.25 each.
 The above cut of Standards and Foot Rail is intended for BANKS, OFFICE buildings, restaurants, etc. Will prevent the counters becoming scratched. Can be electro-plated any desired finish corresponding with other work.

No. 28-Polished Brass Bracket
For Hand or Foot Rails.

Price, each \$2.25

No. 29-Polished Brass Bracket
For Hand or Foot Rails

Price, each \$2.75

No. 27-Polished Brass
[Bracket
For supporting Wooden Banister.

Price, each \$1.50

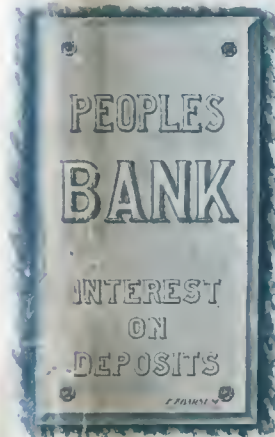
No. 15-Polished
Brass Standard.

Used with Hand
and Counter Rails.
9 in. high each \$3.50
6 in. high each \$2.50



No. 25-Polished Brass Bracket.

For Foot Rails, etc.
 Size, 5 in. x 3 in. high, each, \$2.00
 Size, 4 in. x 3 in. high, each, \$1.50



No. 88-METAL SIGN.

(With raised polished letters.)

Made with heavy metal body of brass or steel, with beveled metal Letters are polished brass or copper and show to excellent advantage.
 The cost varies according to size of sign and amount of lettering and the less lettering there is the more conspicuous the sign will be. Any lettering can be applied and the sign is therefore entirely suitable for entrance to Doctors Office, Manufactory, Store, etc.
 Prices on application.



No. 50-B-ORNAMENTAL IRON COUNTER SUPPORTS.

ABOUT 2 FEET 5 1/2 INCHES HIGH.

Per set of 3 with braces, handsomely painted and bronzed \$7.25
 Per set of 2 with braces, handsomely painted and bronzed 5.50
 These counter supports are used extensively for clothing, cigar and druggists' show cases, store counters, etc.

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| CATALOGUE
No. 132 | | Steel and Wire Fences, Iron Gates. |
| CATALOGUE
No. 106 | { | Bank and Office Railings. |
| CATALOGUE
No. 138 | | Jail Cells, Prison Work. |
| CATALOGUE
No. 140 | { | Lawn Goods, Iron Reservoir Vases,
Iron Settees and Chairs, Statuary. |
| CATALOGUE
No. 1080 | | Elevator Cabs and Enclosures. |
| SPECIAL—Display Fountains. | | |
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When writing for Catalogues, please mention what kind of work you are interested in.

This enables us to figure understandingly, and quote our lowest prices.

Please give us full particulars when writing for prices.

E. T. Barnum Wire and Iron Works,
DETROIT, MICH.

No. 26-Polished
Brass Post.

Made any height,
or diameter. Prices
on application.